

DEFINITIVE SUBDIVISION PLAN

FOR
WEATHERVANE MASSAPOAG, LLC.
 MASSAPOAG STREET, WEYMOUTH, MA

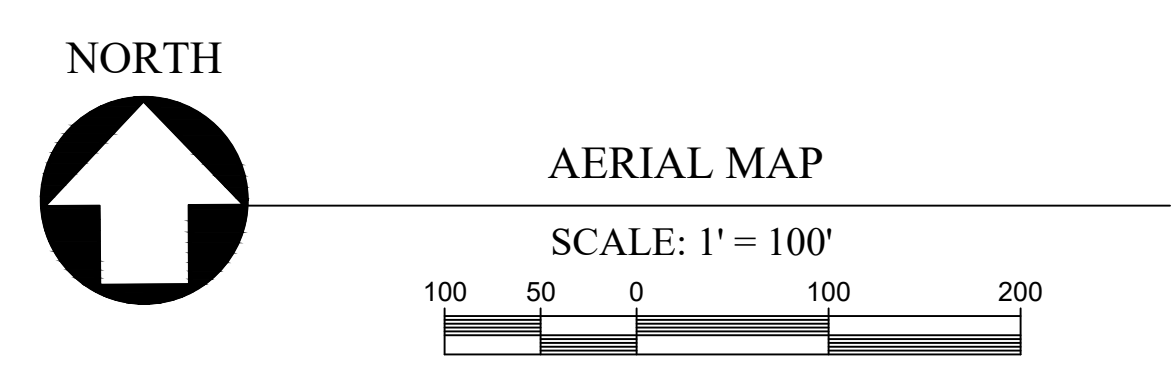
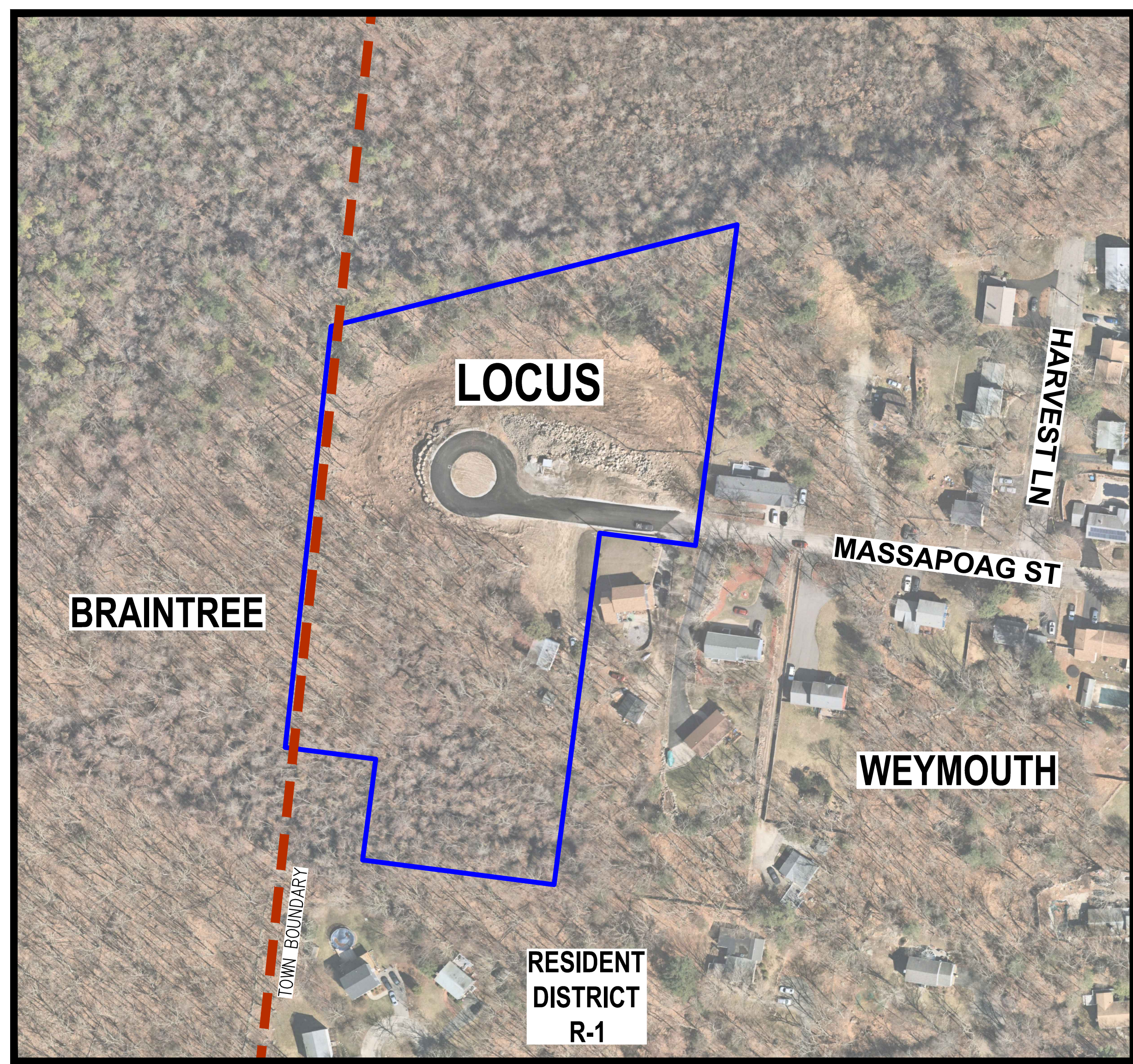
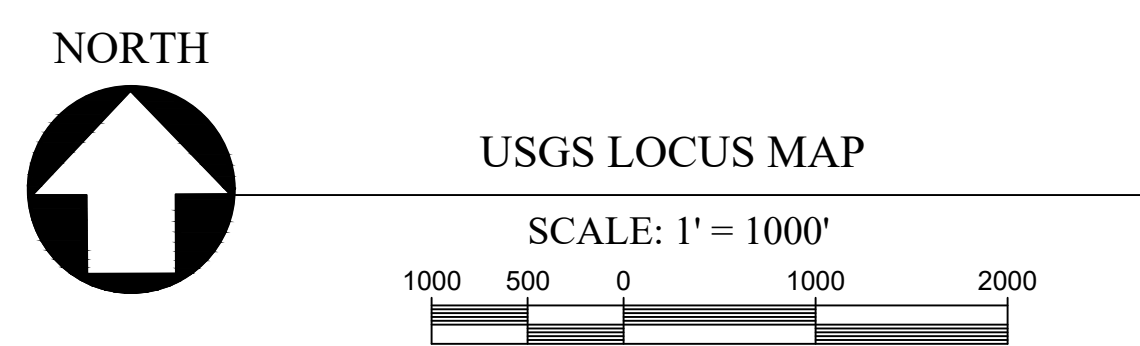
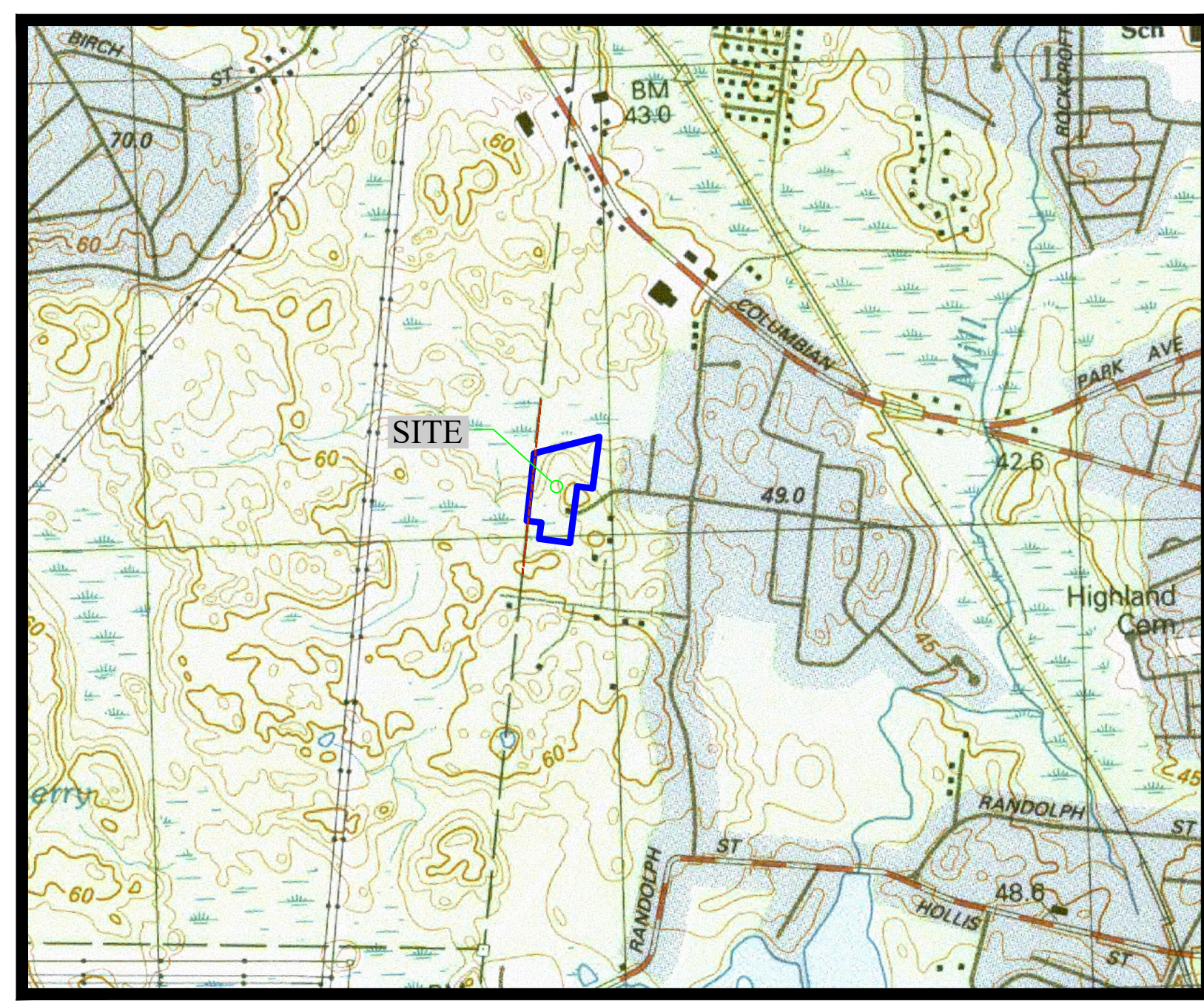
0 MASSAPOAG (SOUTH), ASSESSOR'S REF: 44-505-1
 0 MASSAPOAG (NORTH), ASSESSOR'S REF: 44-505-2
 68 MASSAPOAG, ASSESSORS REF: 44-504-8

APPROVAL UNDER THE
 SUBDIVISION CONTROL LAW
 WEYMOUTH PLANNING BOARD

DATE: _____

PLANNING BOARD ENDORSEMENT
 DOES NOT IMPLY CONFORMANCE
 WITH TOWN OF WEYMOUTH
 ZONING BY-LAW.

FOR REGISTRY USE ONLY



DRAWING INDEX:

- C-1 COVER SHEET
- C-2 LOTTING PLAN
- C-3 SITE PLAN
- C-4 GRADING AND DRAINAGE PLAN
- C-5 UTILITIES PLAN
- C-6 SOIL EROSION AND SEDIMENT CONTROL PLAN
- C-7 ROADWAY PLAN AND PROFILE
- C-8.1 DETAIL SHEET (1 OF 2)
- C-8.2 DETAIL SHEET (2 OF 2)
- TP-1 TEST PIT PLAN

SUPPLEMENTAL PLANS:

PLAN OF LAND 0 MASSAPOAG STREET (SHEET 1 & 2)
 (PREPARED BY HOYT LAND SURVEYING)

OWNER/APPLICANT:

WEATHERVANE MASSAPOAG, LLC.
 190 OLD DERBY STREET, SUITE 311
 HINGHAM, MA 02043

SURVEYOR

(FOR THE EXISTING CONDITION PLAN)

HOYT LAND SURVEYING
 1287 WASHINGTON STREET
 WEYMOUTH, MA 02189
 781-682-9142

ENGINEER/ SURVEYOR:

CROCKER DESIGN GROUP, LLC.
 2 SHARP STREET, UNIT B
 HINGHAM, MA 02043
 781-820-0416

Date	Description	No.
1.11.22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	4.
11.19.21	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	3.
4.23.20	REVISED PER TOWN STAFF COMMENTS	2.
2.05.19	REVISED WETLAND FLAGS AND LOT	1.

Revisions

GABRIEL R. CROCKER
 CIVIL
 No. 47917
 REGISTERED
 PROFESSIONAL ENGINEER

GABRIEL R. CROCKER
 PROFESSIONAL ENGINEER, MA REGISTRATION #47917

CROCKER DESIGN GROUP, LLC.

2 SHARP STREET, UNIT A
 HINGHAM, MA 02043
 P: 781-820-0416

MASSACHUSETTS

Project

DEFINITIVE SUBDIVISION PLAN

MASSAPOAG STREET
 WEYMOUTH, MA

Prepared for

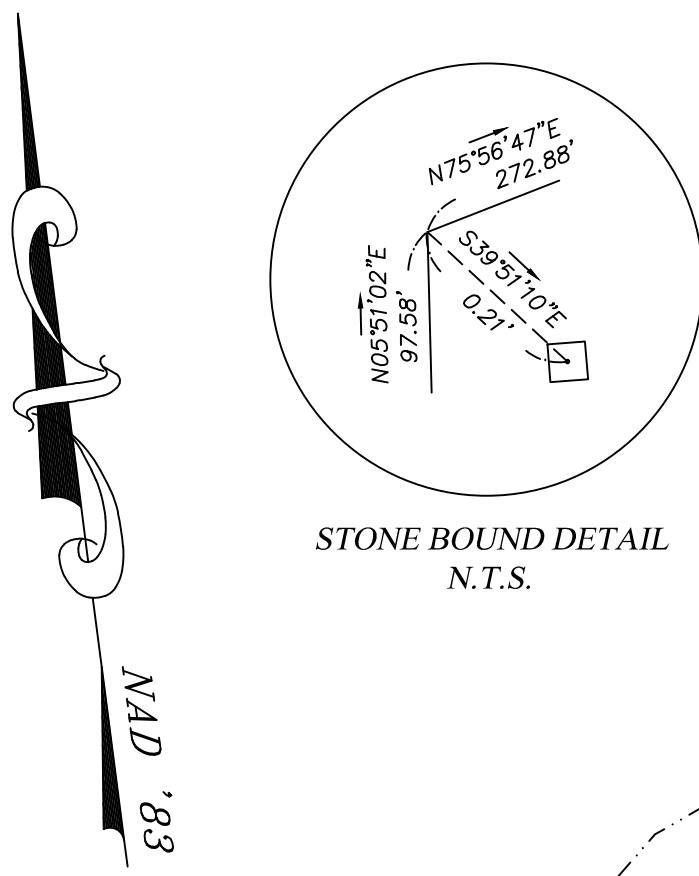
WEATHERVANE MASSAPOAG, LLC.

190 OLD DERBY STREET, SUITE 311
 HINGHAM, MA 02043

Drawing Title

COVER SHEET

Project No.	100-028	Drawing No.	C-1
Date	12.20.2018		
Scale	AS NOTED		
Drawn By	SZA		
Approved By	GRC		

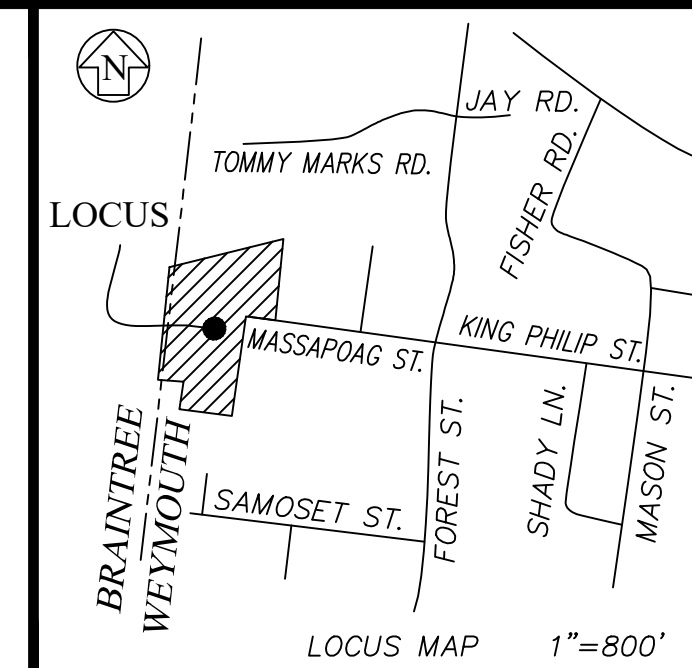


NAD '83

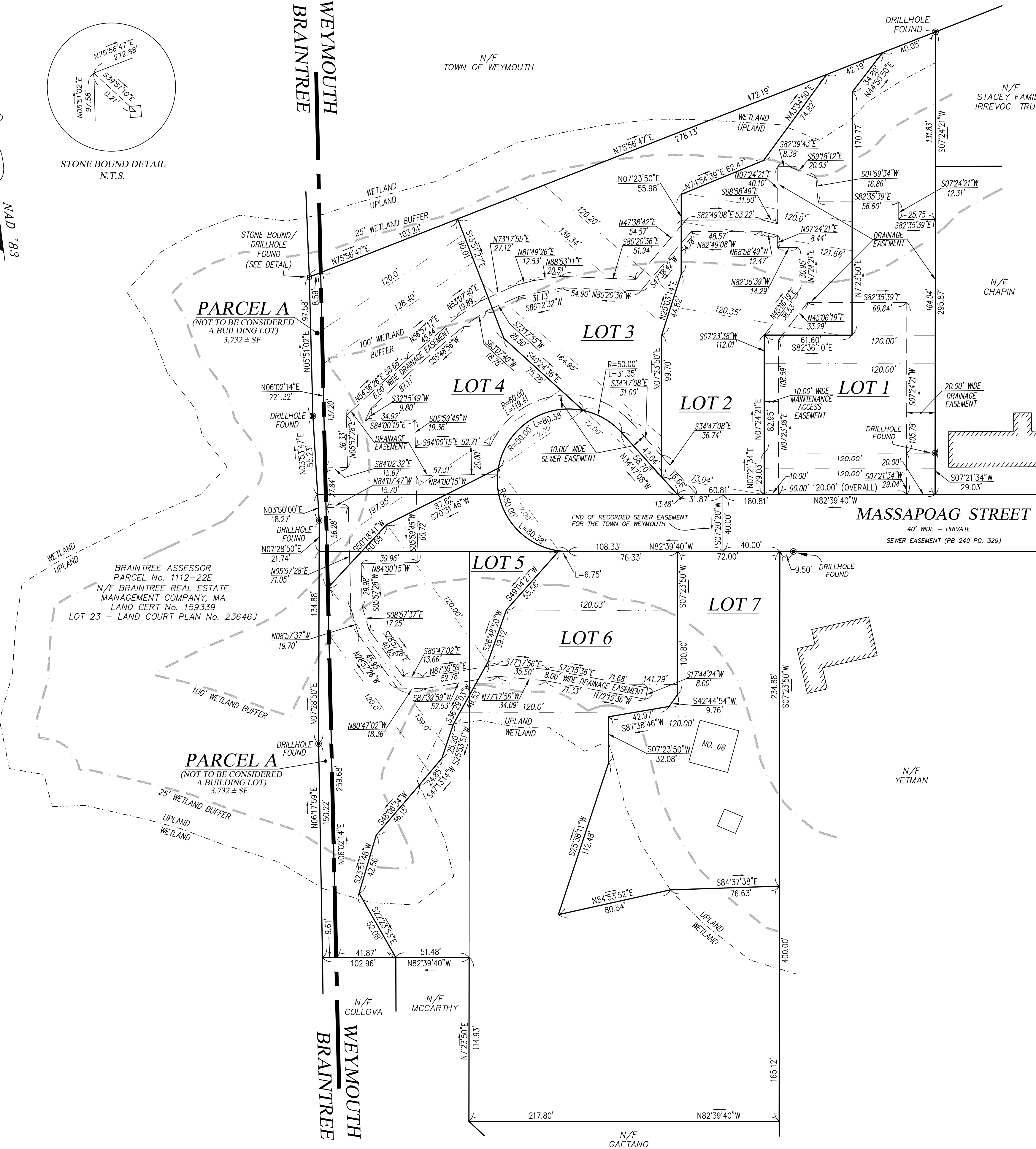
APPROVAL UNDER THE
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WEYMOUTH PLANNING BOARD

DATE: _____

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ZONING BY-LAW.



FOR REGISTRY USE ONLY



ZONING TABLE :

ZONING DISTRICT: RESIDENT DISTRICT R-1
OVERLAY DISTRICT: WATERSHED PROTECTION DISTRICT
PROPOSED USE: ONE FAMILY RESIDENTIAL HOUSES

REQUIREMENT	REQUIRED	PROPOSED LOT 1	PROPOSED LOT 2	PROPOSED LOT 3	PROPOSED LOT 4	PROPOSED LOT 5	PROPOSED LOT 6	PROPOSED LOT 7
MINIMUM LOT AREA (SF)	25,000 SF	25,001 SF	25,001 SF	25,001 SF	25,001 SF	25,052 SF	68,032 SF	25,001 SF
MINIMUM UPLAND AREA	85% OF MIN REQ. LOT AREA 85% X 25,000=21,250 SF	23,624 SF	23,414 SF	23,952 SF	25,001	23,439 SF	21,253 SF	21,250 SF
MAX LOT SHAPE FACTOR*	SQUARE LOT PERM/ LOT AREA =MAX 30	29.87	27.99	29.21	20.66	29.90	29.75	23.23
MINIMUM LOT WIDTH (FT)	120 FT	120.00'	GREATER THAN 120.00'	GREATER THAN 120.00'	GREATER THAN 120.00'	GREATER THAN 120.00'	GREATER THAN 120.00'	120.00'
MINIMUM LOT FRONT LINE (FT)**	40 FT	120.00'	77.47'	73.39'	80.38'	80.38'	83.08'	72.00'
MIN. LOT MEASUREMENT ACROSS FRONT YARD***	60% OF LOT WIDTH=72 FT*	120.00'	73.04'	72.00'	72.00'	72.00'	83.06'	72.00'

* 120-53.2. NO LOT SHALL BE CREATED SO AS TO BE SO IRREGULARLY SHAPED OR EXTENDED THAT IT HAS A "SHAPE FACTOR" IN EXCESS OF 30. "SHAPE FACTOR" EQUALS THE SQUARE OF THE LOT PERIMETER DIVIDED BY THE LOT AREA.

** 120-56. FRONT LOT LINE, FRONTAGE AND FRONTAGE WIDTH.
(A) EACH LOT SHALL HAVE A FRONT LOT LINE, AS SAID TERM IS DEFINED IN § 120-6, OF NOT LESS THAN 40 FEET, UNLESS STATED OTHERWISE IN TABLE 1, SCHEDULE OF DISTRICT REGULATIONS, AT THE END OF THIS CHAPTER. [AMENDED MAY 1990 STM BY ART. 1, APPROVED 8-29-1990]
(C) EACH LOT SHALL HAVE FRONTAGE AND FRONTAGE WIDTH, AS SAID TERMS ARE DEFINED IN § 120-6, OF NOT LESS THAN 40 FEET, UNLESS STATED OTHERWISE IN TABLE 1, SCHEDULE OF DISTRICT REGULATIONS, INCLUDED AS AN ATTACHMENT TO THIS CHAPTER.

*** 120-59.1. MEASUREMENTS ACROSS LOTS. [ADDED FEBRUARY 1985 STM BY ART. 7, APPROVED 6-3-1985; AMENDED MAY 1997 ATM BY ART. 42, APPROVED 8-11-1997]
IF ANY LOT IN EXISTENCE AS OF FEBRUARY 25, 1985, IS TO BE SUBDIVIDED INTO THREE OR MORE LOTS OR IF ANY LOT SUBSEQUENTLY CREATED IS TO BE SUBDIVIDED, THEN EACH SUBDIVIDED LOT SHALL HAVE A MINIMUM LOT MEASUREMENT ACROSS THE FRONT YARD FROM SIDE LOT LINE TO SIDE LOT LINE AT ANY POINT FROM THE LOT LINE TO THE MINIMUM LOT WIDTH LINE AT THE FRONT LINE OF THE BUILDING SHALL NOT BE LESS THAN 60% OF THE MINIMUM REQUIRED LOT WIDTH, AND NO PORTION OF A PRINCIPAL BUILDING SHALL BE ERRECTED ON ANY PORTION OF A LOT WHICH IS LESS THAN THE REQUIRED LOT WIDTH AS SET FORTH IN THESE BYLAWS. SAID MINIMUM REQUIRED LOT WIDTH SHALL EXTEND AN ADDITIONAL 20 FEET BEYOND THE REAR PORTION OF THE PRINCIPAL BUILDING.

LOT WIDTH DEFINITION:
THE HORIZONTAL DISTANCE PARALLEL TO THE FRONT LOT LINE OR, IN THE CASE OF A CURVED OR IRREGULAR LOT LINE, A LINE PARALLEL TO A STRAIGHT LINE DRAWN BETWEEN THE FRONT LOT CORNERS, MEASURED BETWEEN THE SIDE LOT LINES AT THE BUILDING LINE.

LOCUS INFORMATION
CURRENT OWNER:
O MASSAPOAG (SOUTH)
ASSESSOR'S REF: 44-505-1

JAMES E. BRISTOL III
114 SANDTRAP CIRCLE
WEYMOUTH, MA
LEGAL REF:
BOOK 35830 PAGE 295

PLAN REF:
PLAN BOOK 406 PAGE 323
CURRENT OWNER:
68 MASSAPOAG
ASSESSORS REF: 44-504-8
O MASSAPOAG (NORTH)
ASSESSOR'S REF: 44-505-2

WEATHERVANE MASSAPOAG LLC
190 DERBY STREET, SUITE 311,
HINGHAM, MA, 02043
LEGAL REF: DEED BOOK 36686 PAGE 426
PLAN REF: LOP 36658A

ZONE:
R-1
WATERSHED PROTECTION DISTRICT

FEMA REFERENCE:
ZONE X
FIRM 25021C0236E
DATED 7-17-12

HORIZONTAL DATUM:
NAD '83

I CERTIFY:
1. THIS PLAN IS THE RESULT OF AN ACTUAL
ON THE GROUND SURVEY.
2. THAT THIS PLAN WAS PREPARED IN
CONFORMANCE WITH THE RULES AND
REGULATIONS OF THE REGISTERS OF DEEDS.



SHANE M. BRENNER, P.L.S.



Date	Description	No.
2-05-19	REVISED WETLAND FLAGS AND LOT	1
10-08-21	CALCULATIONS	2
1-13-22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	3

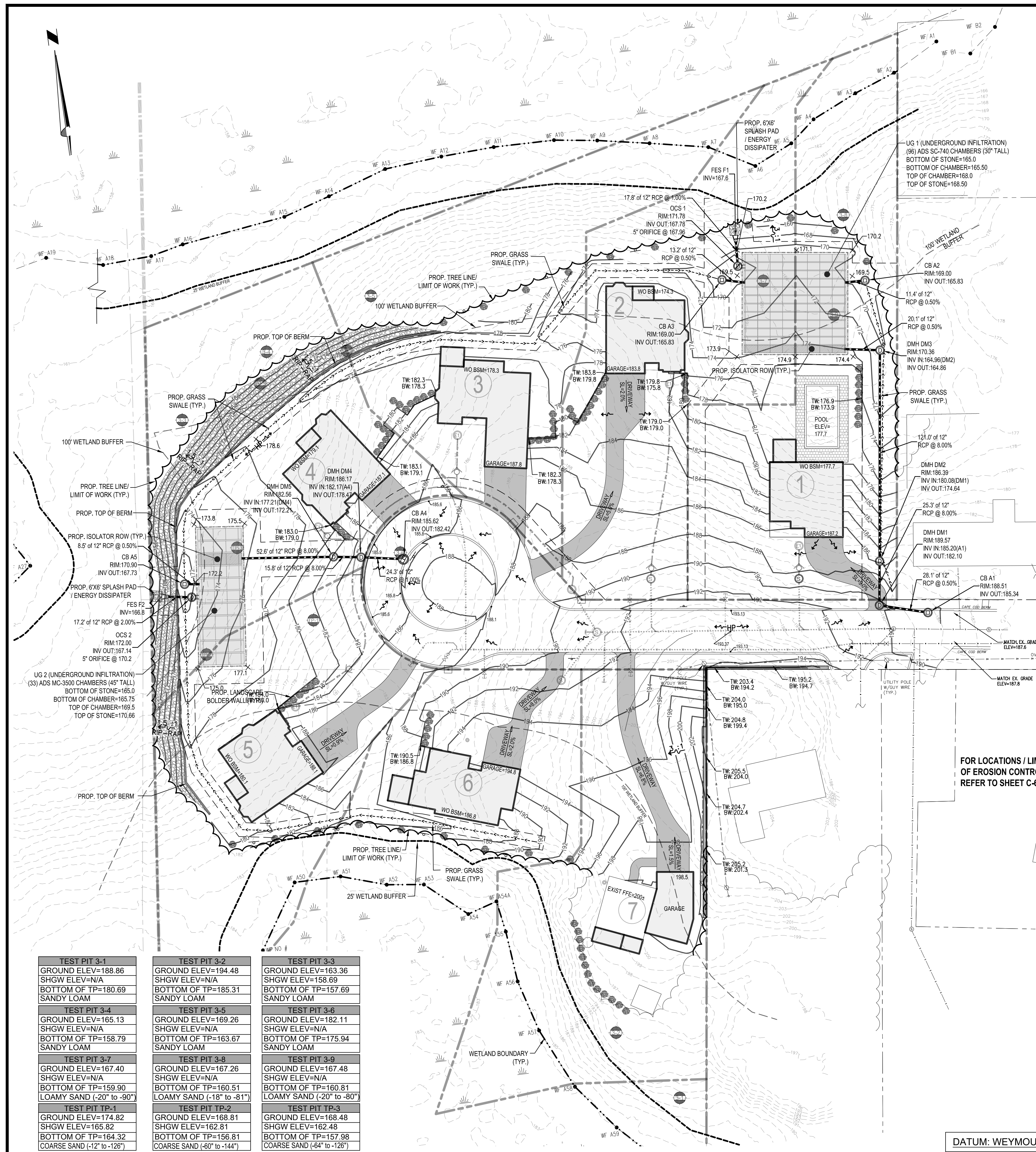
CROCKER DESIGN GROUP, LLC
2 SHARP STREET, UNIT B
HINGHAM, MA 02043
P: 781-820-0416
MASSACHUSETTS

Project
DEFINITIVE SUBDIVISION PLAN
MASSAPOAG STREET
WEYMOUTH, MA

Prepared for
BRISTOL BROS. DEVELOPMENT CORP.
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
LOTING PLAN

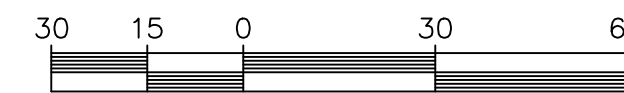
Project No.	100-028	Drawing No.	C-2
Date	12.20.2018		
Scale	1"=40'		
Drawn By	AS		
Approved By	SMB		



GRADING NOTES:

1. THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER OR HIS REPRESENTATIVE.
2. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
3. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS OTHERWISE SPECIFIED. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE OWNER OR HIS REPRESENTATIVE PRIOR TO CONTINUING WORK.
4. ALL SITEWORK SHALL CONFORM TO THE CONTRACT DOCUMENTS AND SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS, AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT.
5. DURING THE PROGRESS OF THE WORK, THE CONTRACTOR MAY BE REQUIRED TO EXCAVATE ADDITIONAL TEST PITS FOR THE PURPOSE OF LOCATING UNDERGROUND UTILITIES OR STRUCTURES AS AN AID IN ESTABLISHING THE PRECISE LOCATION OF NEW WORK. THIS WORK IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER. TEST PITS SHALL BE BACKFILLED, AS SOON AS THE DESIRED INFORMATION HAS BEEN OBTAINED.
6. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY CONTRACTOR OPERATIONS.
7. UNLESS DIRECTED OTHERWISE, ALL EXISTING TURF OR VEGETATED AREAS WITHIN THE PROPOSED LIMITS OF WORK FOR EXCAVATION, GRADING, OR IMPROVEMENT SHALL BE CLEARED AND GRUBBED. WITHIN THE CLEARING AND GRUBBING AREA, REMOVE ALL TREES, SHRUBS AND ROOTS UNLESS DESIGNATED OTHERWISE. CLEARING SHALL INCLUDE THE FELLING, CUTTING AND OFF-SITE DISPOSAL OF ALL TREES, SHRUBS, STUMPS AND VEGETATIVE DEBRIS PRODUCED THROUGH THE CLEARING OPERATIONS.
8. FILL DEPRESSIONS CAUSED BY TEST PITS AND CLEARING AND GRUBBING OPERATIONS WITH SATISFACTORY SOIL MATERIAL UNLESS FURTHER EXCAVATION OR EARTHWORK IS INDICATED.
9. THE CONTRACTOR SHALL PREVENT SURFACE WATER AND SUBSURFACE OR GROUNDWATER FROM FLOWING INTO EXCAVATIONS OR EARTHWORK AREAS WHICH WOULD CAUSE FLOODING OF THE PROJECT SITE AND SURROUNDING AREA, OR SOFTENING OR LOOSENING OF THE SOIL AT EXCAVATION OR EARTHWORK SUB-GRADES.
10. THE CONTRACTOR SHALL PROVIDE, INSTALL, OPERATE, MAINTAIN AND REMOVE ADEQUATE AND SATISFACTORY DEWATERING SYSTEMS AND DRAINAGE OF EXCAVATIONS TO PERMIT CONSTRUCTION TO PROCEED "IN THE DRY". THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE ADEQUACY OF THE METHODS, MATERIALS AND EQUIPMENT EMPLOYED. THE CONTRACTOR SHALL BEAR THE FULL COST OF PROVIDING ALL NECESSARY DEWATERING.
11. THE CONTRACTOR SHALL PROHIBIT SEEPAGE, GROUNDWATER FLOW OR SURFACE INFILTRATION AND RUNOFF FROM UNDERMINING OR OTHERWISE DAMAGING ADJACENT STRUCTURES AND UTILITIES.
12. ANY WATER PUMPED FROM EXCAVATIONS WILL BE CONVEYED BY HOSE TO AN UPLAND AREA AND DISCHARGED INTO HAYBALE CORRALS OR SEDIMENTATION BAGS.
13. PAVING, CONCRETE WORK AND BASE COURSE PREPARATION SHALL BE DONE ONLY AFTER EXCAVATION AND CONSTRUCTION WORK WHICH MIGHT INJURE THEM HAS BEEN COMPLETED. DAMAGE CAUSED DURING CONSTRUCTION SHALL BE REPAIRED BEFORE ACCEPTANCE.
14. PAVEMENT OR BASE MATERIALS SHALL NOT BE PLACED ON A MUDDY OR FROZEN SUBGRADE.
15. ESTABLISHMENT OF GRADES, GRADE CONTROL, AND CONFORMANCE TO REQUIRED GRADE TOLERANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. PROTECT GRADED, FINISHED OR PAVED AREAS FROM DAMAGE AND KEEP THEM FREE OF TRASH AND DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS. REPAIR AND RE-ESTABLISH GRADES IN SETTLED, ERODED AND RUTTED AREAS.
17. PAVEMENT EXCAVATED DURING UTILITY CONSTRUCTION, WHETHER ON THE SITE OR ADJACENT PROPERTIES, SHALL BE RESTORED AND MATCHED WITH EXACTLY THE SAME MATERIALS AND TOLERANCES AS PRIOR TO DISRUPTION, AT NO ADDITIONAL COST TO THE OWNER, OR ADJACENT PROPERTY OWNERS.
18. STONE USED FOR MACHINE PLACED RIP-RAP SHALL BE REASONABLY WELL GRADED, HARD, DURABLE, ANGULAR IN SHAPE, RESISTANT TO WEATHERING AND FREE FROM ORGANIC MATERIAL. ROUNDED STONES OR BOULDERS ARE NOT ACCEPTABLE. THE MINIMUM WEIGHT OF THE STONE SHALL BE 155 POUNDS PER CUBIC FOOT. STONE SHALL BE PLACED IN CONFORMANCE WITH THE LINES, GRADES AND THICKNESSES SHOWN ON THE DRAWINGS.
19. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ADJUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
20. ALL RIP RAP STONE SHALL BE HAND CHINKED AND SHALL CONFORM TO MASSACHUSETTS HIGHWAY DEPARTMENT STANDARDS.

FOR REGISTRY USE ONLY



Date	Description	No.
1.11.22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	4.
11.19.21	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	3.
4.23.20	REVISED PER TOWN STAFF COMMENTS	2.
2.05.19	REVISED WETLAND FLAGS AND LOT	1.

EXISTING	PROPOSED	DESCRIPTION
		MINOR CONTOUR
		MAJOR CONTOUR
		SPOT ELEVATION
		TOP/BOTTOM OF CURB ELEVATION
		PROPERTY LINE (ROW)
		POST AND RAIL FENCE
		CHAIN LINK FENCE
		GUARDRAIL/GUIDERAIL
		TREE LINE
		RIPRAP
		SEWER LINE/MANHOLE
		DRAIN LINE/MANHOLE
		CATCH BASIN
		DOUBLE CATCH BASIN
		GAS LINE/GATE
		WATER LINE/GATE
		HYDRANT
		UNDERGROUND ELECTRIC
		AREA LIGHT
		ELECTRICAL TRANSFORMER
		WALK OUT BASEMENT ELEVATION

FOR LOCATIONS / LIMITS OF EROSION CONTROLS, REFER TO SHEET C-6

DRAINAGE NOTES:

1. MANHOLES SHALL BE 48-INCH DIAMETER (UNLESS OTHERWISE SPECIFIED). CAST-IN-PLACE BASES SHALL BE USED WHERE MANHOLES ARE CONSTRUCTED OVER EXISTING PIPES.
2. THE CONTRACTOR SHALL FILL ANY PRE-CAST TANKS (NOT INCLUDING MANHOLES OR CATCH BASINS) WITH WATER FOR LEAKAGE OBSERVATIONS BY THE ENGINEER OVER A PERIOD OF 24-HOURS. ANY LEAKS SHALL BE REPAIRED BY THE CONTRACTOR.
3. FOR SPECIFIC INFORMATION OF FRAMES AND COVERS FOR DRAINAGE STRUCTURES SEE DETAIL SHEETS.
4. DRAINAGE STRUCTURE COVERS SHALL HAVE THE WORD "DRAIN" CENTERED ON THE COVER IN 3-INCH HIGH LETTERS.
5. FRAMES, GRATES AND COVERS SHALL BE SET FIRM AND TRUE TO GRADE, ADJUST FOR GRADE WITH BRICK MASONRY.
6. ALL ON-SITE DRAIN LINES SHALL BE CLASS III REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED.
7. FLARED END SECTIONS SHALL BE PIPE MANUFACTURER STANDARD CONSTRUCTED FROM THE SAME MATERIAL AS THE PIPE.
8. INSTALL PIPE AND FLARED ENDS IN STRICT ACCORDANCE WITH PIPE MANUFACTURER INSTRUCTIONS.
9. PROTECT PROPOSED INFILTRATION BASINS FROM SEDIMENTATION THROUGHOUT CONSTRUCTION OPERATIONS. INFILTRATION BASINS ARE NOT TO BE USED UNTIL DRAINAGE SYSTEM IS INSTALLED AND FUNCTIONAL.

DATE: _____

APPROVAL UNDER THE SUBDIVISION CONTROL LAW WEYMOUTH PLANNING BOARD

PLANNING BOARD ENDORSEMENT DOES NOT IMPLY CONFORMANCE WITH TOWN OF WEYMOUTH ZONING BY-LAW.

DATUM: WEYMOUTH BASE

TEST PIT 3-1 GROUND ELEV=188.86 SHGW ELEV=N/A BOTTOM OF TP=180.69 SANDY LOAM	TEST PIT 3-2 GROUND ELEV=194.48 SHGW ELEV=N/A BOTTOM OF TP=185.31 SANDY LOAM	TEST PIT 3-3 GROUND ELEV=163.36 SHGW ELEV=158.69 BOTTOM OF TP=157.69 SANDY LOAM
TEST PIT 3-4 GROUND ELEV=165.13 SHGW ELEV=N/A BOTTOM OF TP=158.79 SANDY LOAM	TEST PIT 3-5 GROUND ELEV=169.26 SHGW ELEV=N/A BOTTOM OF TP=163.67 SANDY LOAM	TEST PIT 3-6 GROUND ELEV=182.11 SHGW ELEV=N/A BOTTOM OF TP=175.94 SANDY LOAM
TEST PIT 3-7 GROUND ELEV=167.40 SHGW ELEV=N/A BOTTOM OF TP=159.90 LOAMY SAND (-20" to -90")	TEST PIT 3-8 GROUND ELEV=167.26 SHGW ELEV=N/A BOTTOM OF TP=160.51 LOAMY SAND (-18" to -81")	TEST PIT 3-9 GROUND ELEV=167.48 SHGW ELEV=N/A BOTTOM OF TP=160.81 LOAMY SAND (-20" to -80")
TEST PIT TP-1 GROUND ELEV=174.82 SHGW ELEV=165.82 BOTTOM OF TP=164.32 COARSE SAND (-12" to -126")	TEST PIT TP-2 GROUND ELEV=168.81 SHGW ELEV=162.81 BOTTOM OF TP=156.81 COARSE SAND (-60" to -144")	TEST PIT TP-3 GROUND ELEV=168.48 SHGW ELEV=162.48 BOTTOM OF TP=157.98 COARSE SAND (-64" to -126")



GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

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MASSACHUSETTS

Project

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MASSAPOAG STREET
WEYMOUTH, MA

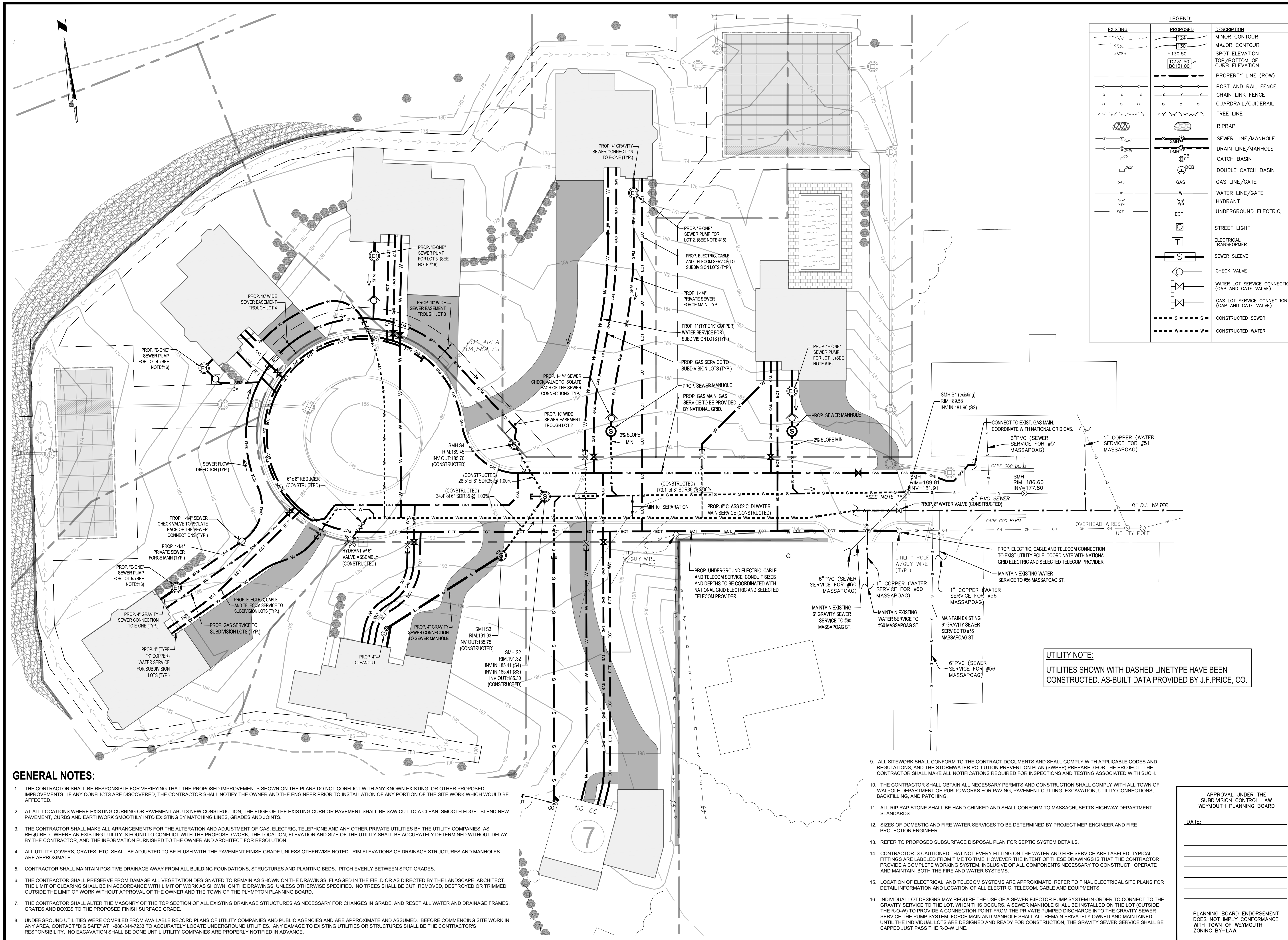
Prepared for

WEATHERVANE MASSAPOAG, LLC.
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

GRADING AND DRAINAGE PLAN

Project No.	100-028	Drawing No.	C-4
Date	12.20.2018	Scale	1"=30'
Drawn By	SZA	Approved By	GRC

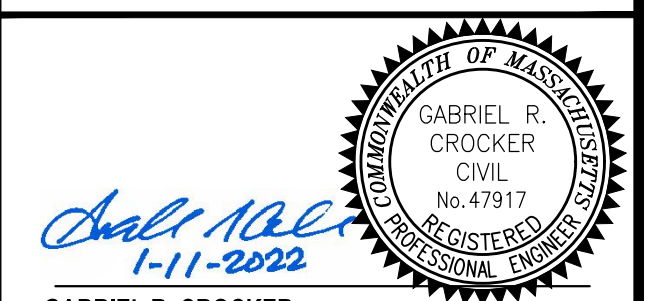


EXISTING	PROPOSED	DESCRIPTION
(Symbol)	(Symbol)	MINOR CONTOUR
(Symbol)	(Symbol)	MAJOR CONTOUR
(Symbol)	(Symbol)	SPOT ELEVATION
(Symbol)	(Symbol)	TOP/BOTTOM OF CURB ELEVATION
(Symbol)	(Symbol)	PROPERTY LINE (ROW)
(Symbol)	(Symbol)	POST AND RAIL FENCE
(Symbol)	(Symbol)	CHAIN LINK FENCE
(Symbol)	(Symbol)	GUARDRAIL/GUIDERAIL
(Symbol)	(Symbol)	TREE LINE
(Symbol)	(Symbol)	RIPRAP
(Symbol)	(Symbol)	SEWER LINE/MANHOLE
(Symbol)	(Symbol)	DRAIN LINE/MANHOLE
(Symbol)	(Symbol)	CATCH BASIN
(Symbol)	(Symbol)	DOUBLE CATCH BASIN
(Symbol)	(Symbol)	GAS LINE/GATE
(Symbol)	(Symbol)	WATER LINE/GATE
(Symbol)	(Symbol)	HYDRANT
(Symbol)	(Symbol)	UNDERGROUND ELECTRIC
(Symbol)	(Symbol)	STREET LIGHT
(Symbol)	(Symbol)	ELECTRICAL TRANSFORMER
(Symbol)	(Symbol)	SEWER SLEEVE
(Symbol)	(Symbol)	CHECK VALVE
(Symbol)	(Symbol)	WATER LOT SERVICE CONNECTION (CAP AND GATE VALVE)
(Symbol)	(Symbol)	GAS LOT SERVICE CONNECTION (CAP AND GATE VALVE)
(Symbol)	(Symbol)	CONSTRUCTED SEWER
(Symbol)	(Symbol)	CONSTRUCTED WATER

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1.11.22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	4.
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GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

CROCKER DESIGN GROUP, LLC.

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-820-0416

MASSACHUSETTS

Project
DEFINITIVE SUBDIVISION PLAN
MASSAPOAG STREET
WEYMOUTH, MA

Prepared for
WEATHERVANE MASSAPOAG, LLC.
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

UTILITY PLAN

Project No.	100-028	Drawing No.	
Date	12.20.2018	Scale	1"=20'
Scale	1"=20'	Drawn By	SZA
Drawn By	SZA	Approved By	GRC

PLANNING BOARD ENDORSEMENT DOES NOT IMPLY CONFORMANCE WITH TOWN OF WEYMOUTH ZONING BY-LAW.

© 2018 Crocker Design Group, LLC/Projects/100-028 Weymouth - Massapoag St/Water Pollution Prevention Plan (SWPPP) Prepared for the Project. The Contractor shall make all notifications required for inspections and testing associated with such.

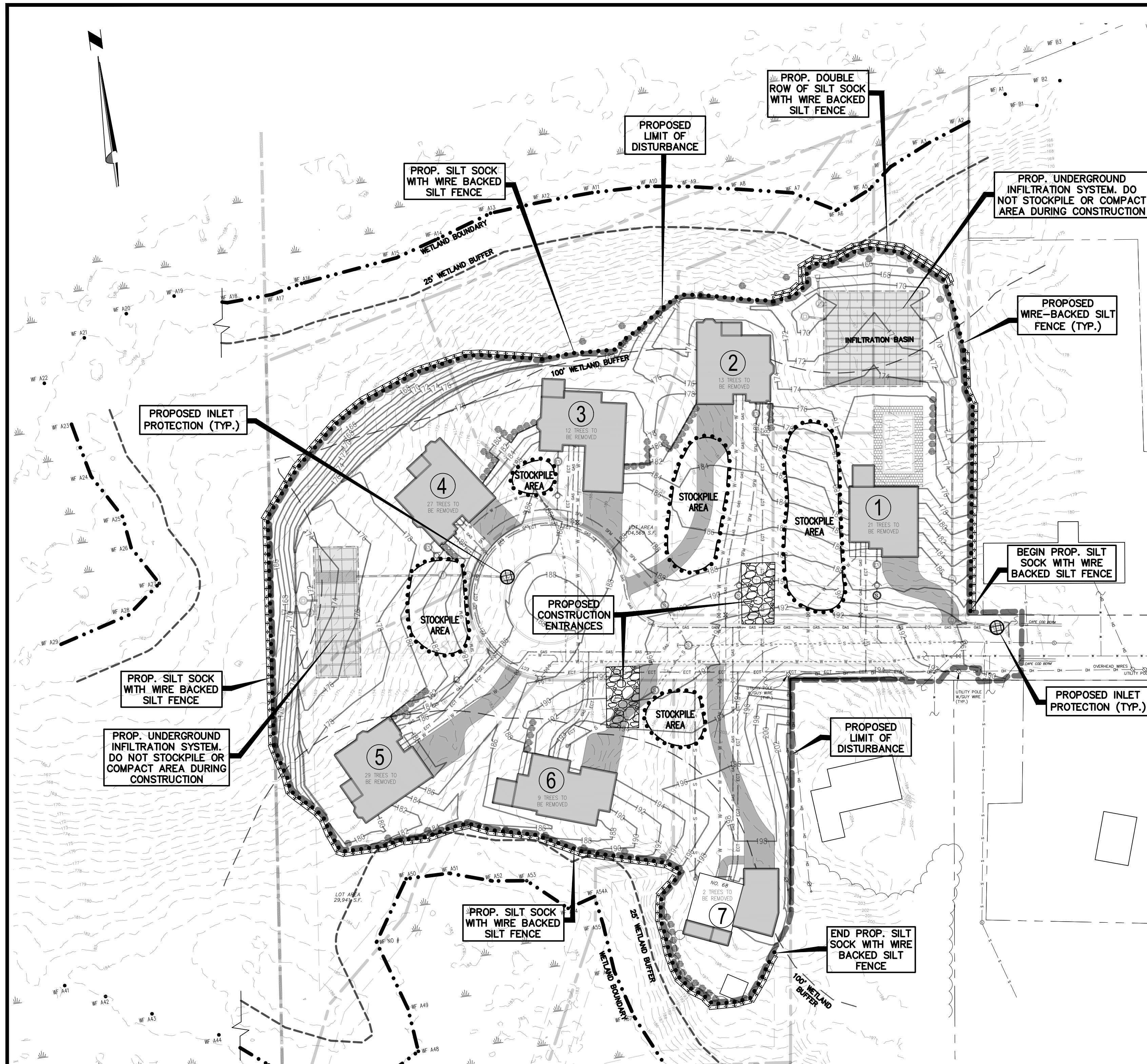
- GENERAL NOTES:**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
 - AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
 - THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ARCHITECT FOR RESOLUTION.
 - ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE PAVEMENT FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS OF DRAINAGE STRUCTURES AND MANHOLES ARE APPROXIMATE.
 - CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES AND PLANTING BEDS. PITCH EVENLY BETWEEN SPOT GRADES.
 - THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL VEGETATION DESIGNATED TO REMAIN AS SHOWN ON THE DRAWINGS, FLAGGED IN THE FIELD OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. THE LIMIT OF CLEARING SHALL BE IN ACCORDANCE WITH LIMIT OF WORK AS SHOWN ON THE DRAWINGS, UNLESS OTHERWISE SPECIFIED. NO TREES SHALL BE CUT, REMOVED, DESTROYED OR TRIMMED OUTSIDE THE LIMIT OF WORK WITHOUT APPROVAL OF THE OWNER AND THE TOWN OF THE PLYMPTON PLANNING BOARD.
 - THE CONTRACTOR SHALL ALTER THE MASONRY OF THE TOP SECTION OF ALL EXISTING DRAINAGE STRUCTURES AS NECESSARY FOR CHANGES IN GRADE, AND RESET ALL WATER AND DRAINAGE FRAMES, GRATES AND BOXES TO THE PROPOSED FINISH SURFACE GRADE.
 - UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTORS RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE.

- ALL SITEWORK SHALL CONFORM TO THE CONTRACT DOCUMENTS AND SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS, AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT. THE CONTRACTOR SHALL MAKE ALL NOTIFICATIONS REQUIRED FOR INSPECTIONS AND TESTING ASSOCIATED WITH SUCH.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND CONSTRUCTION SHALL COMPLY WITH ALL TOWN OF WALPOLE DEPARTMENT OF PUBLIC WORKS FOR PAVING, PAVEMENT CUTTING, EXCAVATION, UTILITY CONNECTIONS, BACKFILLING, AND PATCHING.
- ALL RIP RAP STONE SHALL BE HAND CHUNKED AND SHALL CONFORM TO MASSACHUSETTS HIGHWAY DEPARTMENT STANDARDS.
- SIZES OF DOMESTIC AND FIRE WATER SERVICES TO BE DETERMINED BY PROJECT MEP ENGINEER AND FIRE PROTECTION ENGINEER.
- REFER TO PROPOSED SUBSURFACE DISPOSAL PLAN FOR SEPTIC SYSTEM DETAILS.
- CONTRACTOR IS CAUTIONED THAT NOT EVERY FITTING ON THE WATER AND FIRE SERVICE ARE LABELED. TYPICAL FITTINGS ARE LABELED FROM TIME TO TIME, HOWEVER THE INTENT OF THESE DRAWINGS IS THAT THE CONTRACTOR PROVIDE A COMPLETE WORKING SYSTEM, INCLUSIVE OF ALL COMPONENTS NECESSARY TO CONSTRUCT, OPERATE AND MAINTAIN BOTH THE FIRE AND WATER SYSTEMS.
- LOCATION OF ELECTRICAL AND TELECOM SYSTEMS ARE APPROXIMATE. REFER TO FINAL ELECTRICAL SITE PLANS FOR DETAIL INFORMATION AND LOCATION OF ALL ELECTRIC, TELECOM, CABLE AND EQUIPMENTS.
- INDIVIDUAL LOT DESIGNS MAY REQUIRE THE USE OF A SEWER EJECTOR PUMP SYSTEM IN ORDER TO CONNECT TO THE GRAVITY SERVICE TO THE LOT. WHEN THIS OCCURS, A SEWER MANHOLE SHALL BE INSTALLED ON THE LOT (OUTSIDE THE R-O-W) TO PROVIDE A CONNECTION POINT FROM THE PRIVATE PUMPED DISCHARGE INTO THE GRAVITY SEWER SERVICE. THE PUMP SYSTEM, FORCE MAIN AND MANHOLE SHALL ALL REMAIN PRIVATELY OWNED AND MAINTAINED. UNTIL THE INDIVIDUAL LOTS ARE DESIGNED AND READY FOR CONSTRUCTION, THE GRAVITY SEWER SERVICE SHALL BE CAPPED JUST PAST THE R-O-W LINE.

UTILITY NOTE:
UTILITIES SHOWN WITH DASHED LINETYPE HAVE BEEN CONSTRUCTED. AS-BUILT DATA PROVIDED BY J.F.PRICE, CO.

APPROVAL UNDER THE SUBDIVISION CONTROL LAW WEYMOUTH PLANNING BOARD

DATE: _____



GENERAL NOTES

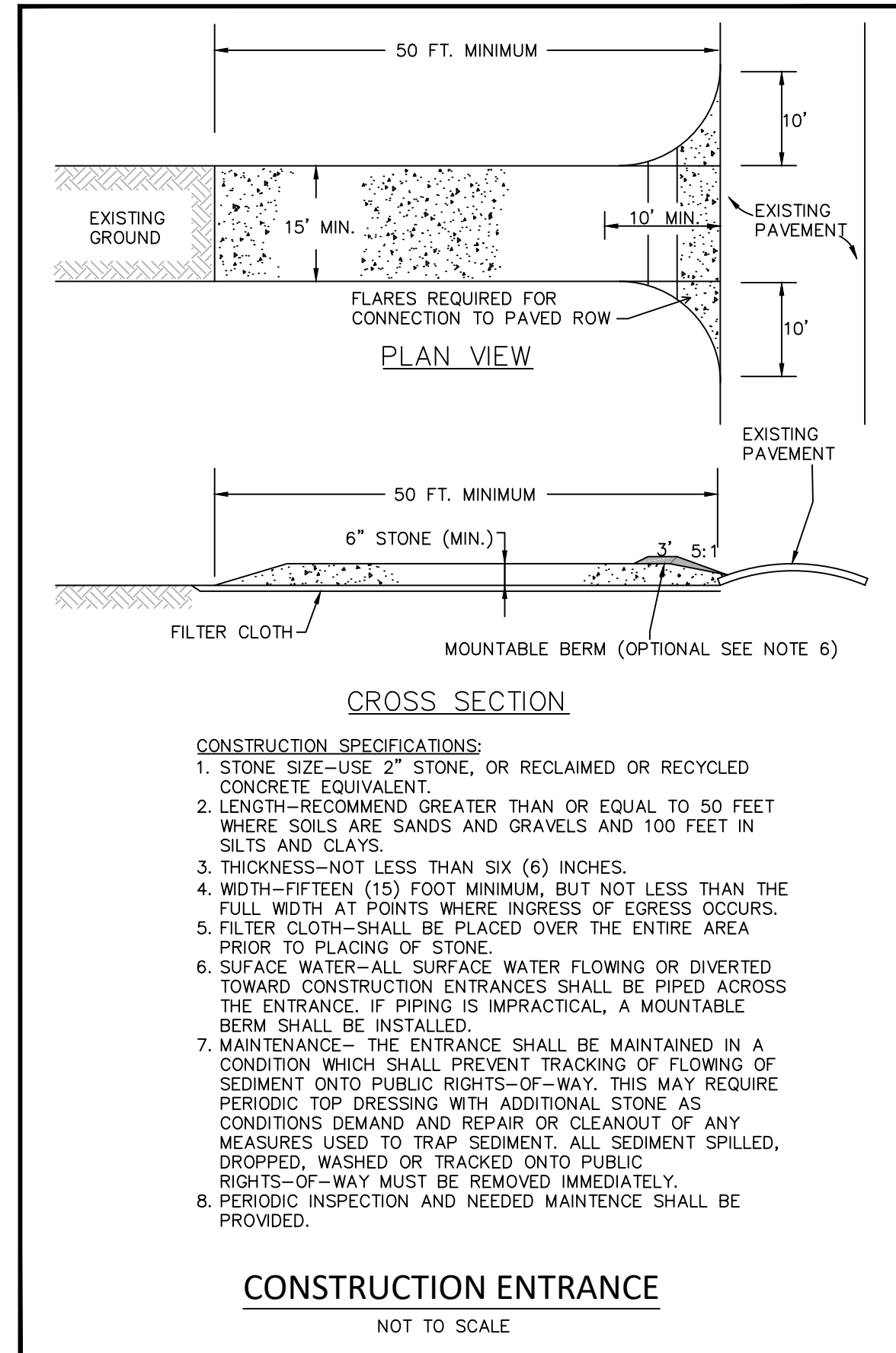
- CONTRACTOR TO ABIDE BY PROVISIONS OF EPA NOI NPDES STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND BY STORMWATER MANAGEMENT OPERATION AND MAINTENANCE PLAN AS PREPARED BY COLER & COLANTONIO, INC.
- ALL TEMPORARY STOCKPILE AREAS SHALL HAVE EROSION CONTROLS (HAYBALES AND SILT FENCE) AROUND THE PERIMETER.
- UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THIS PLAN. DIG SAFE MUST BE NOTIFIED (1-800-344-7233) AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION.
- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN PLACE AND OBSERVED PRIOR TO ANY WORK STARTING ON THE PROJECT.
- SITE ENTRY AND EXIT LOCATIONS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ON A PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY. WHEN WASHING IS REQUIRED TO REMOVE SEDIMENT PRIOR TO ENTRANCE TO A PUBLIC ROADWAY, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN. ALL FINES IMPOSED FOR TRACKING ONTO PUBLIC ROADS SHALL BE PAID BY THE CONTRACTOR.
- TEMPORARY SEEDING OR OTHER METHOD OF STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE ON ANY AREA OF THE SITE, UNLESS ADDITIONAL CONSTRUCTION OF THE AREAS IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.
- UPON COMPLETION OF FINE GRADING, ALL AREAS NOT OTHERWISE PERMANENTLY STABILIZED SHALL BE SEED AND MAINTAINED UNTIL A UNIFORM COVERAGE OF 75%± MINIMUM DENSITY, AS DETERMINED BY THE OWNER'S REPRESENTATIVE, IS ACHIEVED.
- MAINTENANCE - EROSION CONTROLS SHALL BE REPAIRED OR REPLACED AS INSPECTION DEEMS NECESSARY OR AS DIRECTED BY THE ENGINEER OR ARCHITECT. ACCUMULATED SILT AT ANY EROSION CONTROL DEVICE SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6", AND SHALL BE DISTRIBUTED ON-SITE IN A MANNER NOT CONTRIBUTING TO ADDITIONAL SILTATION.
- ANY CONTRACTOR IS RESPONSIBLE FOR REESTABLISHING ANY EROSION CONTROL DEVICE WHICH HE DISTURBS. EACH CONTRACTOR SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DEFICIENCIES IN THE ESTABLISHED EROSION CONTROL MEASURES WHICH MAY LEAD TO UNAUTHORIZED DISCHARGE OR STORM WATER POLLUTION, SEDIMENTATION OR OTHER POLLUTANTS. UNAUTHORIZED POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO, EXCESS CONCRETE DUMPING OR CONCRETE RESIDUE, PAINTS, SOLVENTS, GREASE, FUEL, AND LUBE OIL, PESTICIDES, ANY SOLID WASTE MATERIALS.

(CONTINUATION OF GENERAL NOTES)

- ALL SIDE SLOPES SHALL BE SEED WITH GRASS OR INSTALL JUTE NETTING TO PREVENT EROSION.
- MAINTENANCE: EROSION CONTROLS SHALL BE REPAIRED OR REPLACED AS INSPECTION DEEMS NECESSARY OR AS DIRECTED BY THE ENGINEER OR ARCHITECT. ACCUMULATED SILT AT ANY EROSION CONTROL DEVICE SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6", AND SHALL BE DISTRIBUTED ON-SITE IN A MANNER NOT CONTRIBUTING TO ADDITIONAL SILTATION.
- INSPECTIONS: INSPECTIONS ARE TO BE PERFORMED BY QUALIFIED PERSONNEL. DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, MUST BE INSPECTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A STORM EVEN OF 0.5 INCHES OR GREATER. STABILIZED AREAS ARE TO BE INSPECTED ONCE PER MONTH. DISTURBED AREAS AND STORAGE AREAS EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF OR POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. CONTROL MEASURES SHALL BE OBSERVED TO ENSURE THEY ARE WORKING PROPERLY. DISCHARGE LOCATIONS AND POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER CONTROLS ARE PREVENTING SIGNIFICANT IMPACT. BASED ON THE RESULTS OF THE ABOVE INSPECTIONS, ANY NECESSARY CHANGES TO THE PLAN WILL BE MADE WITHIN 7 DAYS OF THE INSPECTION AND SUBMITTED TO THE TOWN PLANNING BOARD. THE CHANGES MUST BE IMPLEMENTED IN THE FIELD BEFORE THE NEXT STORM EVEN IF PRACTICABLE, OTHERWISE AS SOON AS POSSIBLE.
- INSTALL AND MAINTAIN CATCH BASIN INSERTS IN ALL PROPOSED AND EXISTING CATCH BASINS.
- PROVIDE TEMPORARY SEDIMENTATION BASINS, HAY BALES, ETC. AS NECESSARY.
- STOCKPILES ARE TO BE AT LEAST 100 FEET FROM WETLAND AREAS. STOCKPILES NOT TO BE REUSED WITHIN 30 DAYS ARE TO BE STABILIZED WITH SEED OR MULCH.
- CONTRACTOR TO MAINTAIN WITHIN LIMITS OUTSIDE NSTAR EASEMENT EXCEPT FOR SPECIFIC AREAS IDENTIFIED TO BE DISTURBED WITHIN EASEMENT.
- POTENTIAL STOCK PILE AREA TO BE PROTECTED WITH EROSION CONTROL MEASURES.
- THE CONTRACTOR SHALL HAVE A WATER TRUCK ON-SITE AT ALL TIMES AND SHALL PROVIDE TEMPORARY PLANTINGS OR OTHER COVERINGS SUCH AS WOOD CHIPS TO MINIMIZE THE AMOUNT OF DUST LEAVING THE PREMISES.

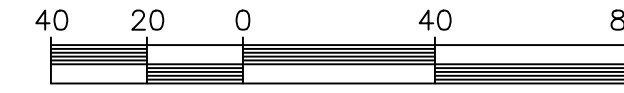
CONSTRUCTION PHASING

- BELOW IS PRESENTED A GENERAL CONSTRUCTION PHASING. A MORE DETAILED SCHEDULE IS PRESENTED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- CENTERLINE OF ROAD AND EXTENTS OF CONSTRUCTION TO BE DELINEATED BY CONTRACTOR.
- EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDING HAY BALES AND SILT FENCE (OR OPTIONAL FILTER SACK IN LIEU OF HAY BALES AND SILT FENCE) WILL BE INSTALLED. CONTRACTOR SHALL INSPECT CONTROL MEASURES MONTHLY AND AFTER RAIN EVENTS OF 0.5" OR GREATER.
- THE PROJECT AREA WILL BE CLEARED OF DEBRIS AND BOULDERS. MATERIAL REMOVED FROM THE SITE WILL BE TRANSPORTED TO AN APPROPRIATE FACILITY OR WILL BE DISPOSED OF ELSEWHERE ACCORDING TO FEDERAL, STATE, AND LOCAL GUIDELINES. INACTIVE STOCKPILES OR AREAS OF GRANULAR MATERIAL OR TOPSOIL SHALL BE TEMPORARILY SEED OR MULCHED IN ORDER TO CONTROL SEDIMENT LADEN RUNOFF.
- CONTRACTOR IS RESPONSIBLE TO SET OUT UTILITIES AND ANY NECESSARY GRADES.
- GRADING OF SITE INCLUDING BUILDING PADS, PARKING AREAS, AND DETENTION BASINS AND DIGGING OF UTILITY TRENCHES TO DEFINED INVERT LEVELS. MATERIAL TO BE STORED ON AN UNUSED SITE AREA FOR FILL OR PROPERLY REMOVED FROM THE JOB SITE. IF SUITABLE TOPSOIL IS FOUND, IT WILL BE REMOVED AND STOCKPILED IN AN UPLAND AREA AT LEAST 100' FROM WETLANDS TO BE REUSED AS TOPSOIL ON THE PROJECT.
- PLACING OF FILL OR SUITABLE MATERIAL ON ALL ACCESS ROADS FOR EASY ACCESS, SETTING OUT OF FOUNDATIONS AND SURROUNDING ROADS.
- LAYING OF ALL UTILITIES INCLUDING DRAINAGE PIPES AND STRUCTURES FOLLOWED BY BACK-FILL, TAKING CARE TO LEAVE ONLY TRENCHES BEING WORKED ON OPEN.
- FINE GRADING FOR THE PARKING AREAS, ROADWAYS, AND DRAINAGE BASINS TO BE COMPLETED.
- DRAINAGE BASIN VEGETATION TO BE ESTABLISHED PRIOR TO CONSTRUCTION OF DRAINAGE STRUCTURES.
- ONCE THE DRAINAGE STRUCTURES ARE INSTALLED, PROVIDE PROTECTION AT ALL CATCH BASINS AND INLETS TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
- INSTALL BINDER COURSE AND SPREAD TOPSOIL AS NEEDED.
- LIGHT POLES, SIGNAGE, ETC. WILL BE INSTALLED.
- INSTALL TOP COURSE OF PAVING AND SIDEWALK.
- THE FINAL PHASE OF CONSTRUCTION IS RESTORATION AND STABILIZATION OF ALL EXPOSED SURFACES. DISTURBED AREAS SHALL BE LANDSCAPED OR SEED (SEE ADDITIONAL DISCUSSION IN SWPPP). IN THE EVENT THAT WEATHER CONDITIONS PREVENT FINAL STABILIZATION, TEMPORARY EROSION AND SEDIMENTATION MEASURES WILL BE EMPLOYED UNTIL THE TEMPERATURE AND WEATHER IS SUITABLE FOR GRASS GROWING. A FINAL INSPECTION WILL ENSURE THAT THE SITE IS CLEARED OF ALL PROJECT DEBRIS AND THAT EROSION AND SEDIMENTATION CONTROLS ARE FUNCTIONING PROPERLY. HAYBALES AND SILT FENCE WILL REMAIN IN PLACE UNTIL THE SITE IS FULLY STABILIZED AND THE SITE HAS PASSED FINAL INSPECTION. VEGETATION IS TO BE OF A UNIFORM DENSITY OF AT LEAST 75% FOR ACCEPTANCE.



- CONSTRUCTION SPECIFICATIONS:**
- STONE SIZE—USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH—RECOMMEND GREATER THAN OR EQUAL TO 50 FEET WHERE SOILS ARE SANDS AND GRAVELS AND 100 FEET IN SILTS AND CLAYS.
 - THICKNESS—NOT LESS THAN SIX (6) INCHES.
 - WIDTH—FIFTEEN (15) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OF FORCES OCCURS.
 - FILTER CLOTH—SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER—ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE INSTALLED.
 - MAINTENANCE—THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED.

FOR REGISTRY USE ONLY



Date	Description	No.
1.11.22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	4.
11.19.21	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	3.
4.23.20	REVISED PER TOWN STAFF COMMENTS	2.
2.05.19	REVISED WETLAND FLAGS AND LOT	1.



GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

CROCKER DESIGN GROUP, LLC.

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-820-0416

MASSACHUSETTS

Project: **DEFINITIVE SUBDIVISION PLAN**
MASSAPOAG STREET
WEYMOUTH, MA

Prepared for: **WEATHERVANE MASSAPOAG, LLC.**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

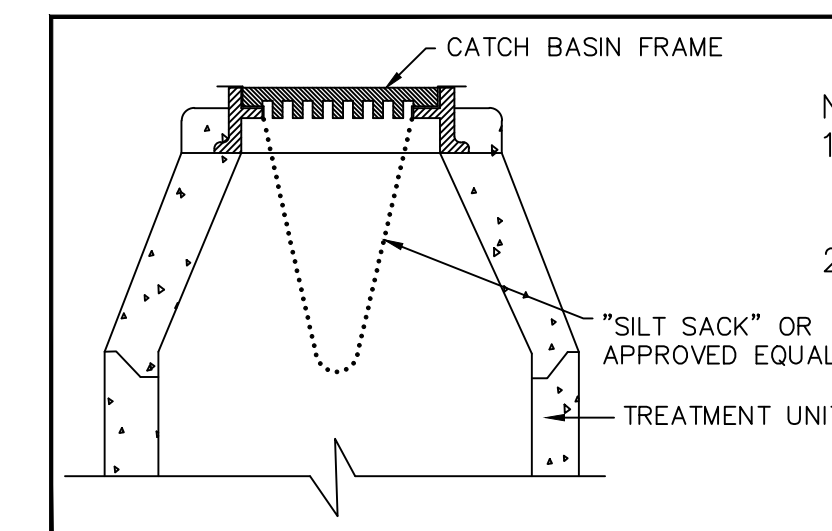
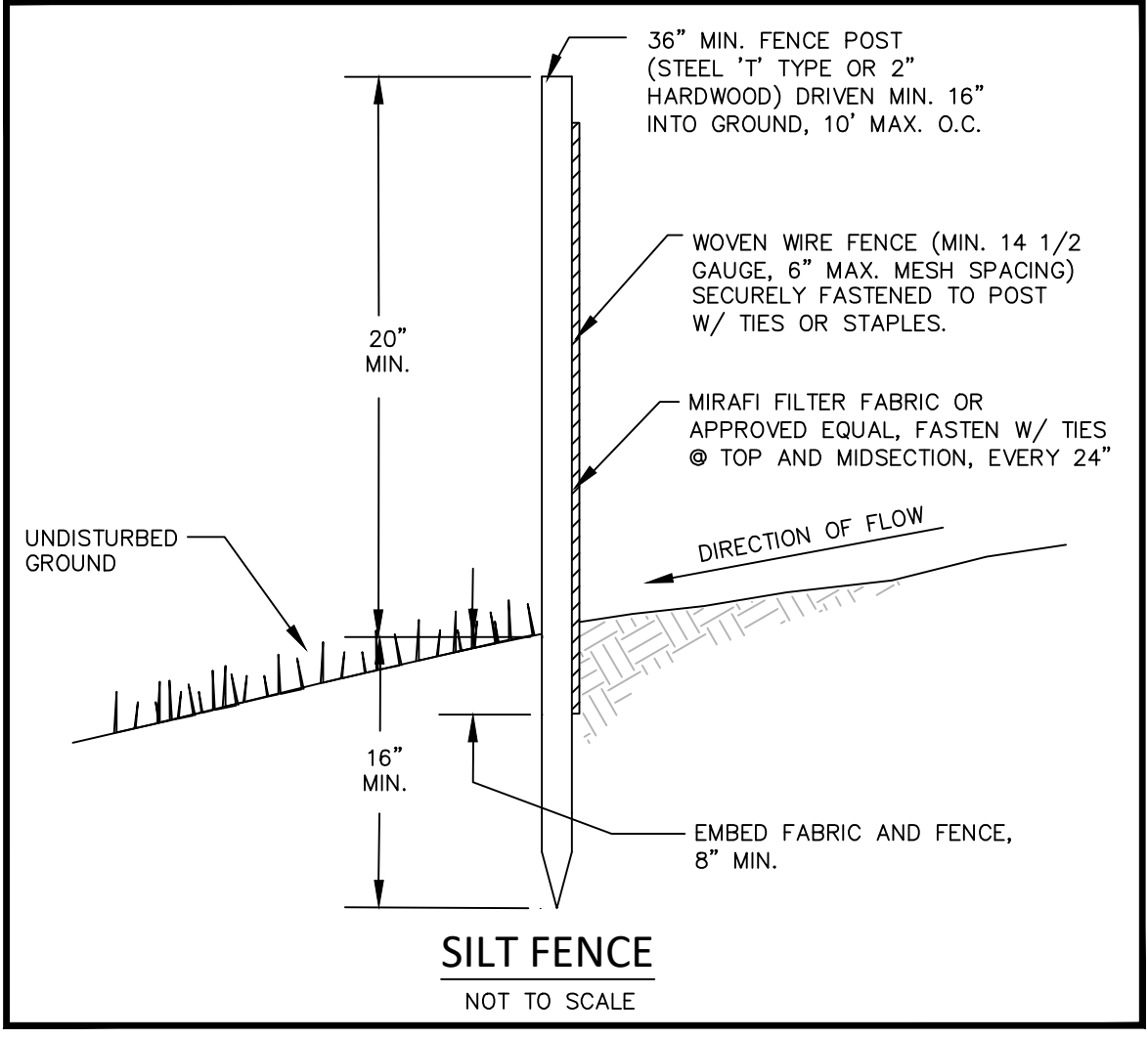
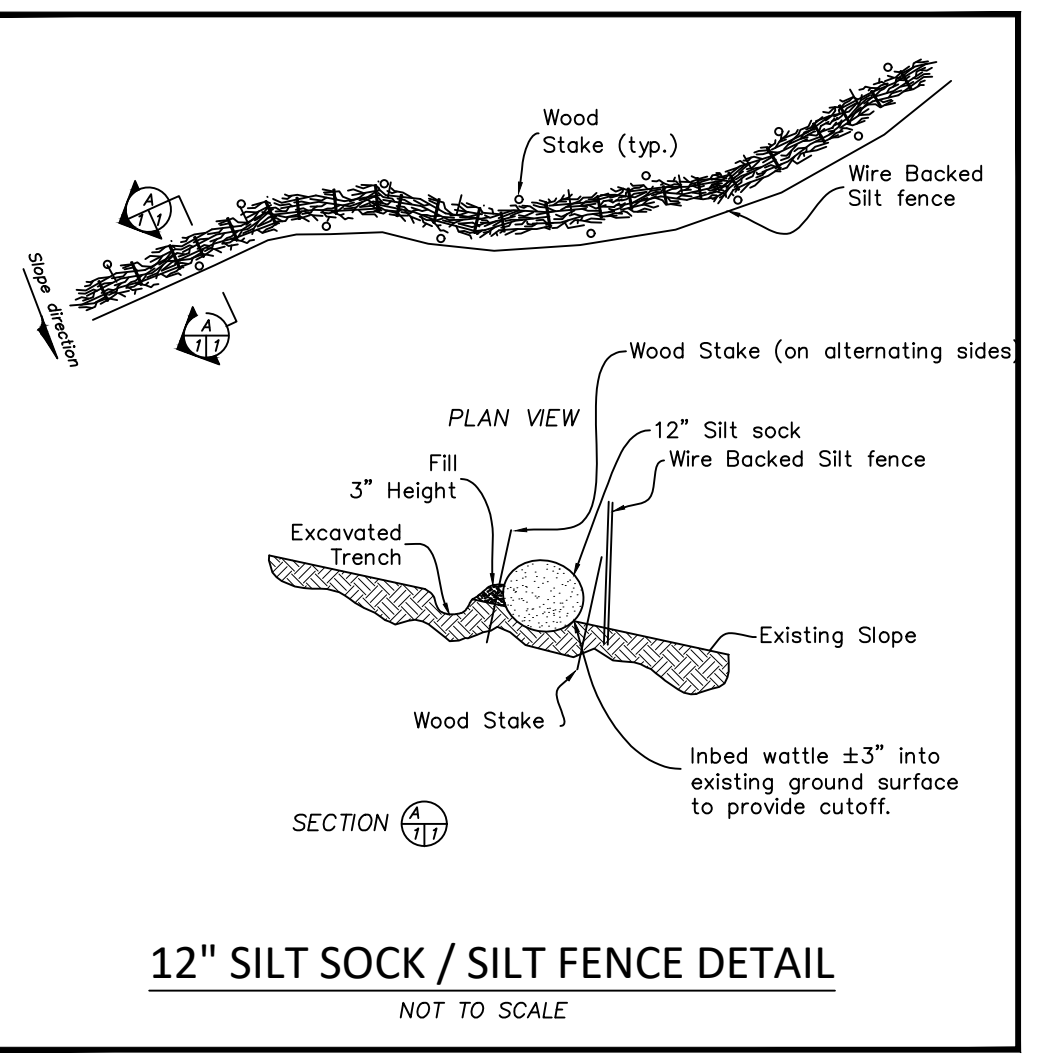
Drawing Title: **SOIL EROSION AND SEDIMENT CONTROL PLAN**

Project No.	100-028	Drawing No.	C-6
Date	12.20.2018	Scale	1"=40'
Drawn By	SZA	Approved By	GRC

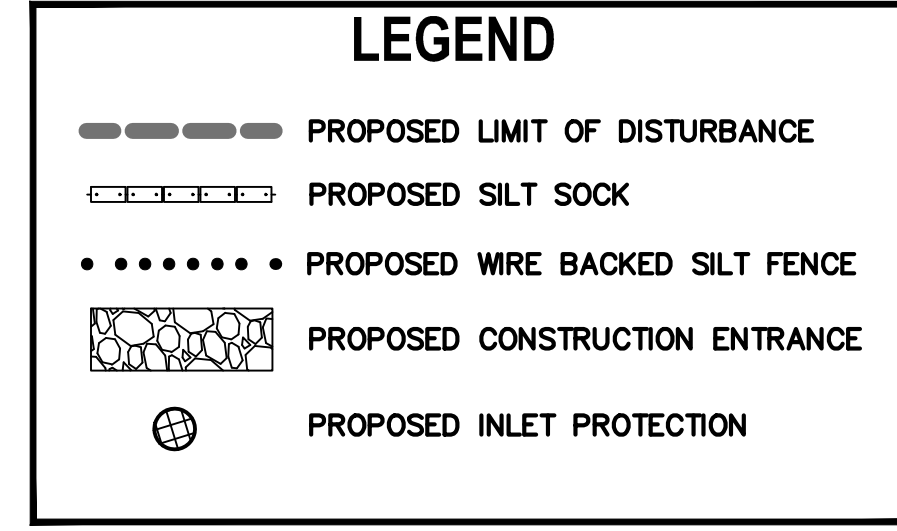
APPROVAL UNDER THE SUBDIVISION CONTROL LAW WEYMOUTH PLANNING BOARD

DATE: _____

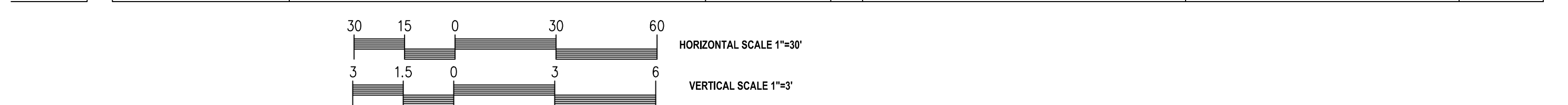
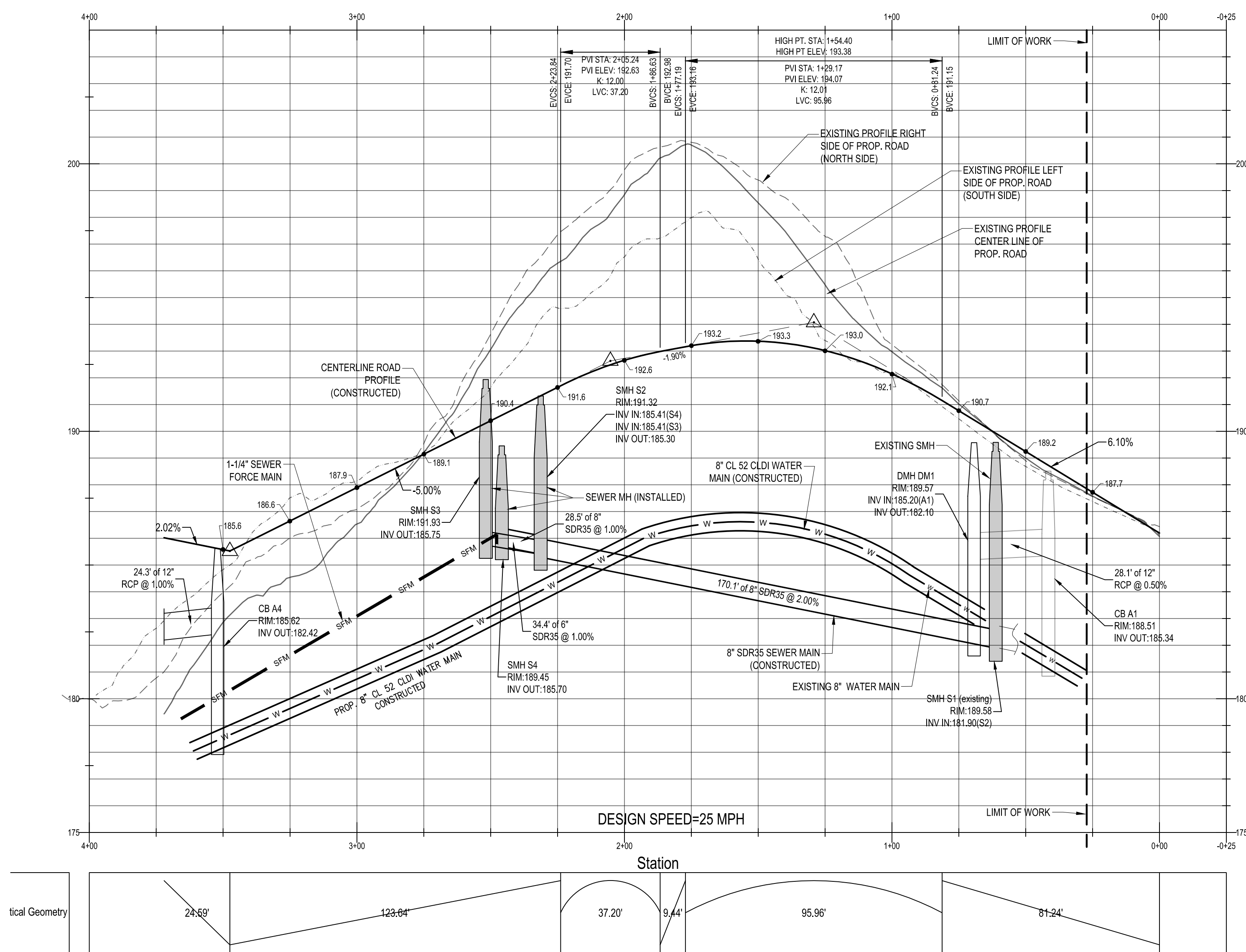
PLANNING BOARD ENDORSEMENT DOES NOT IMPLY CONFORMANCE WITH TOWN OF WEYMOUTH ZONING BY-LAW.



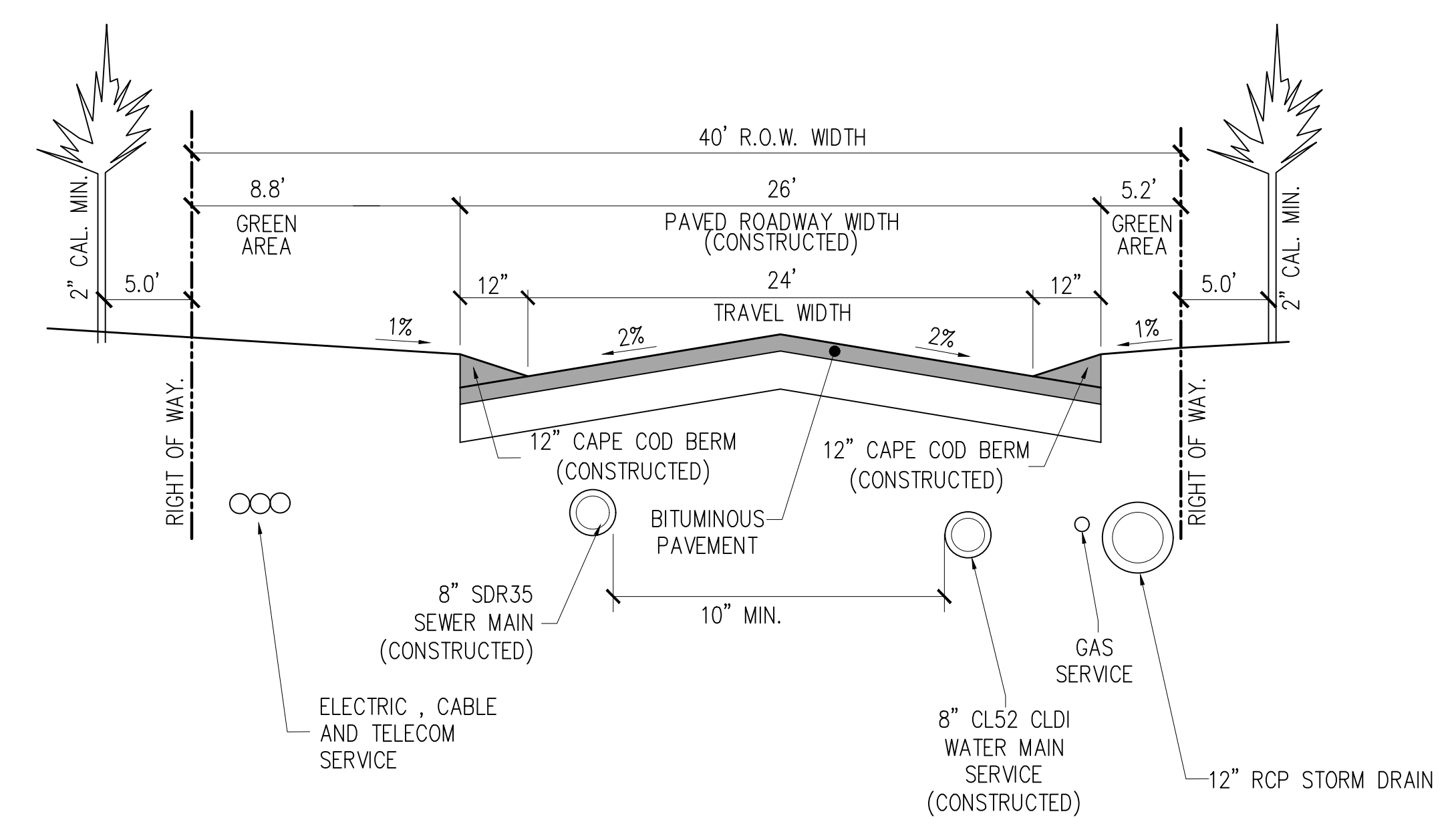
- NOTES:**
- TO BE INSTALLED IN ALL GRATED TREATMENT UNITS AFTER INSTALLATION AND UNTIL COMPLETION OF CONSTRUCTION.
 - BOOT ADAPTER MAY BE TRIMMED TO SIZE.



ROAD PROFILE



TYPICAL ROAD CROSS-SECTION
NOT TO SCALE



- NOTES:**
1. PLANNING BOARD GRANTED THE FOLLOWING WAIVERS REGARDING ROADWAY CROSS SECTION ON 05.06.2019
 - A. 24' WIDE PAVED ROADWAY WITH NO SIDEWALK
 - B. 12" CAPE-COD BERM THROUGHOUT THE EXTENSION OF MASSAPOAG ST.

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Revisions

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

CROCKER DESIGN GROUP, LLC.

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P: 781-820-0416

MASSACHUSETTS

Project
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MASSAPOAG STREET
WEYMOUTH, MA

Prepared for
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190 OLD DERBY STREET, SUITE 311
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Drawing Title
ROADWAY PLAN AND PROFILE

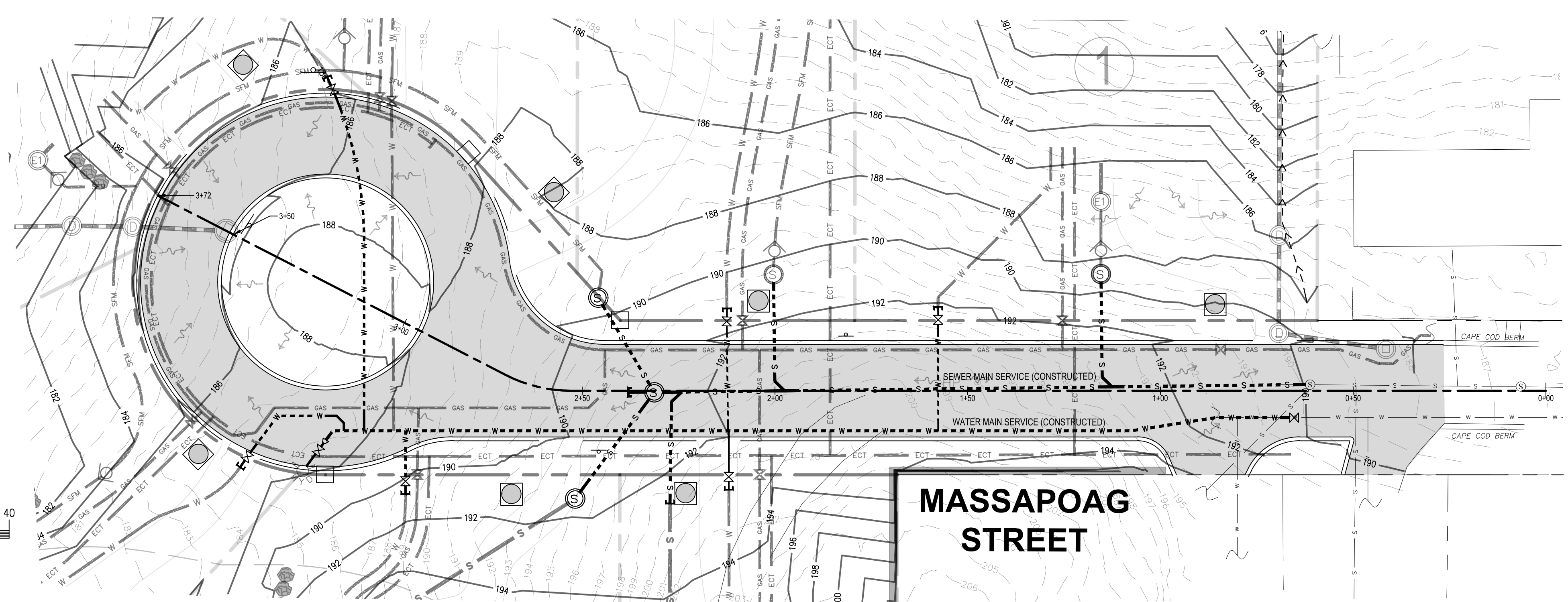
Project No.	100-028	Drawing No.	C-7
Date	12.20.2018		
Scale	AS NOTED		
Drawn By	SZA		
Approved By	GRC		

UTILITY NOTE:
UTILITIES SHOWN WITH DASHED LINETYPE HAVE BEEN CONSTRUCTED. AS-BUILT DATA PROVIDED BY J.F.PRICE, CO.

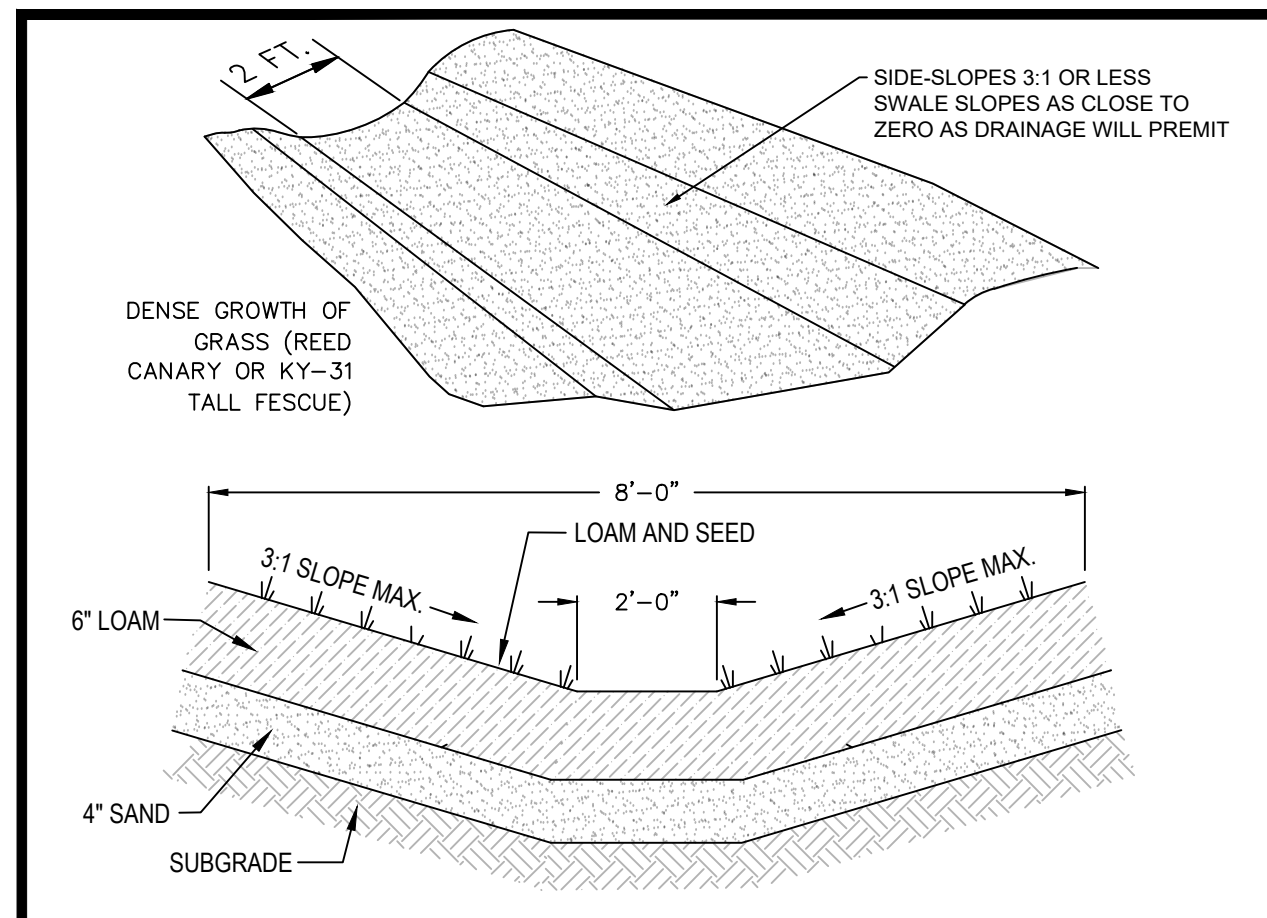
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PLANNING BOARD ENDORSEMENT DOES NOT IMPLY CONFORMANCE WITH TOWN OF WEYMOUTH ZONING BY-LAW.

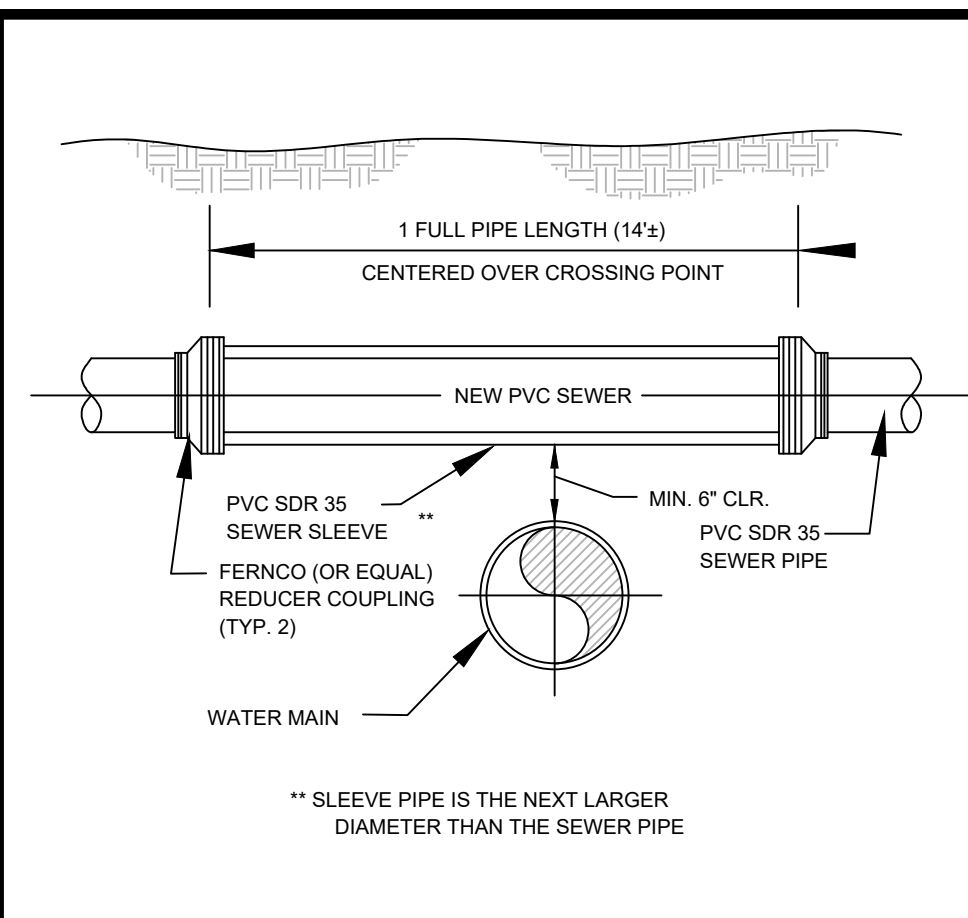


MASSAPOAG STREET



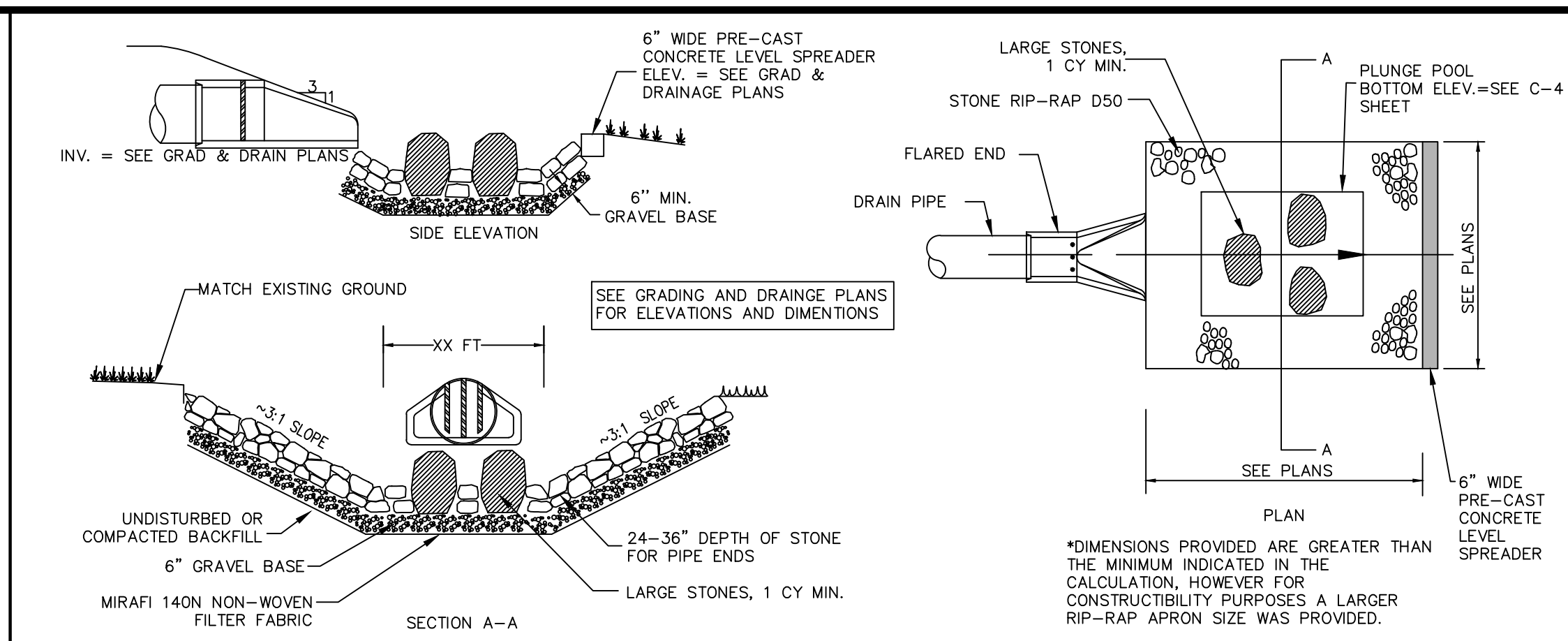
GRASSED SWALE

NOT TO SCALE



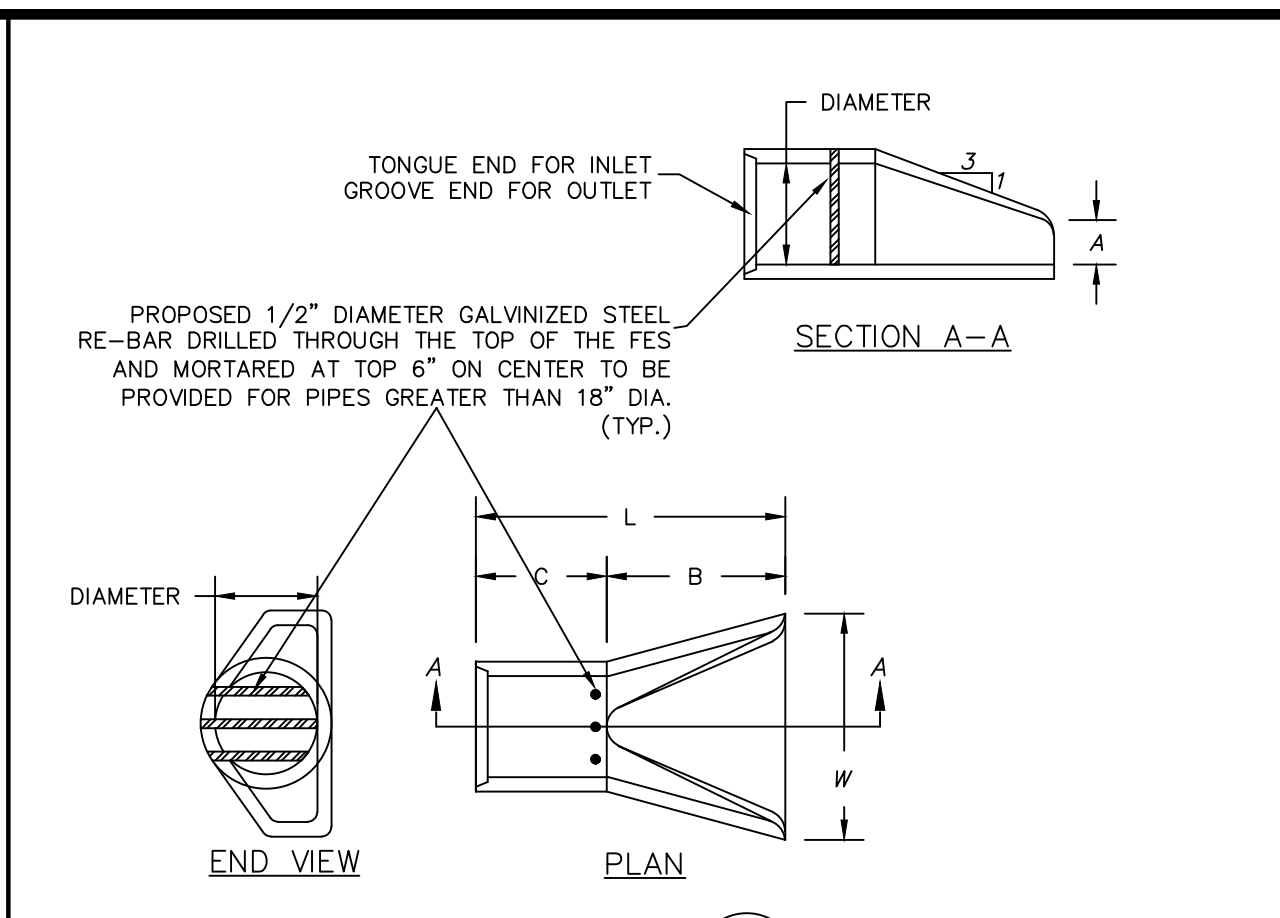
S-07 - SEWER SLEEVE DETAIL

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



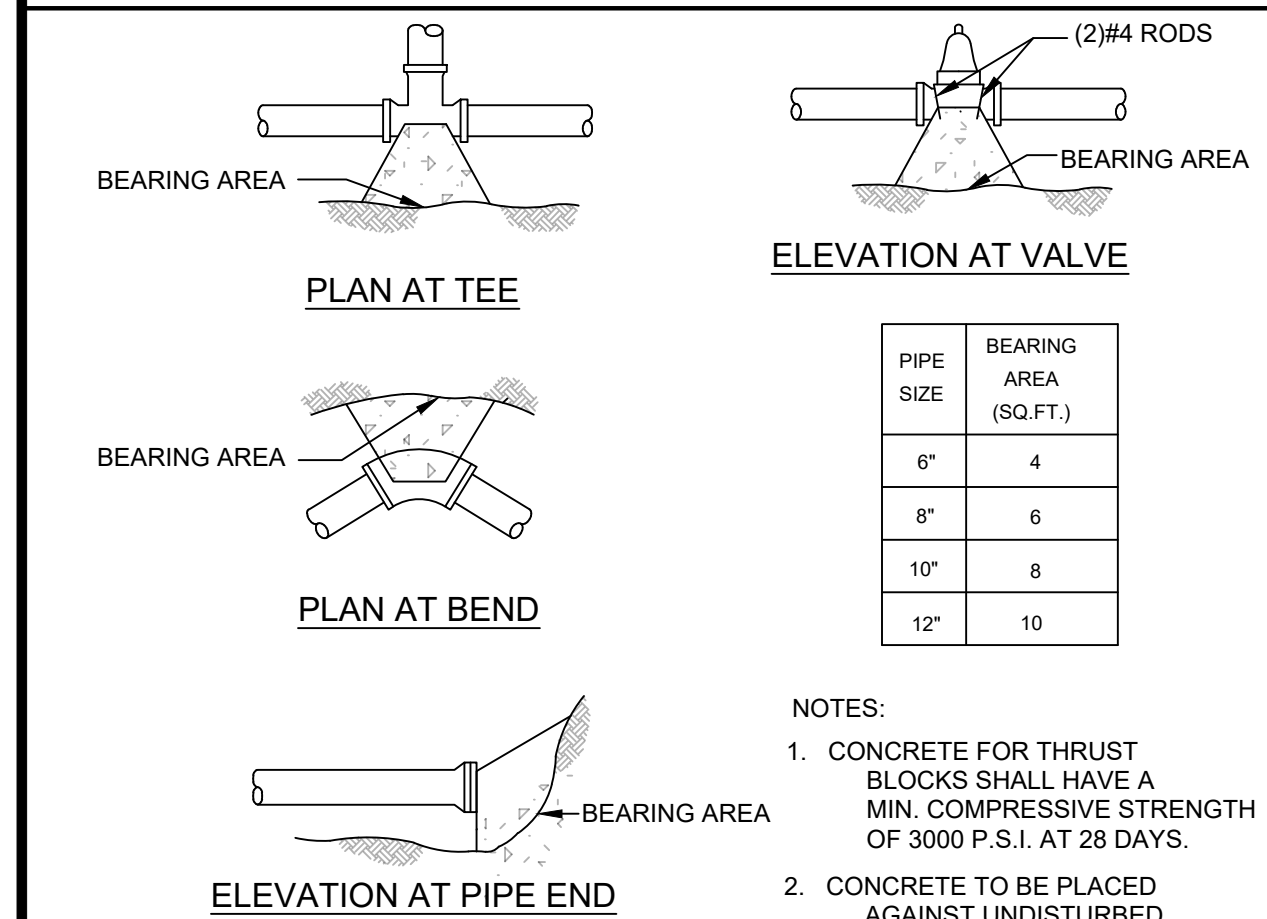
LEVEL SPREADER/PLUNGE POOL/ENERGY DISSIPATER

NOT TO SCALE



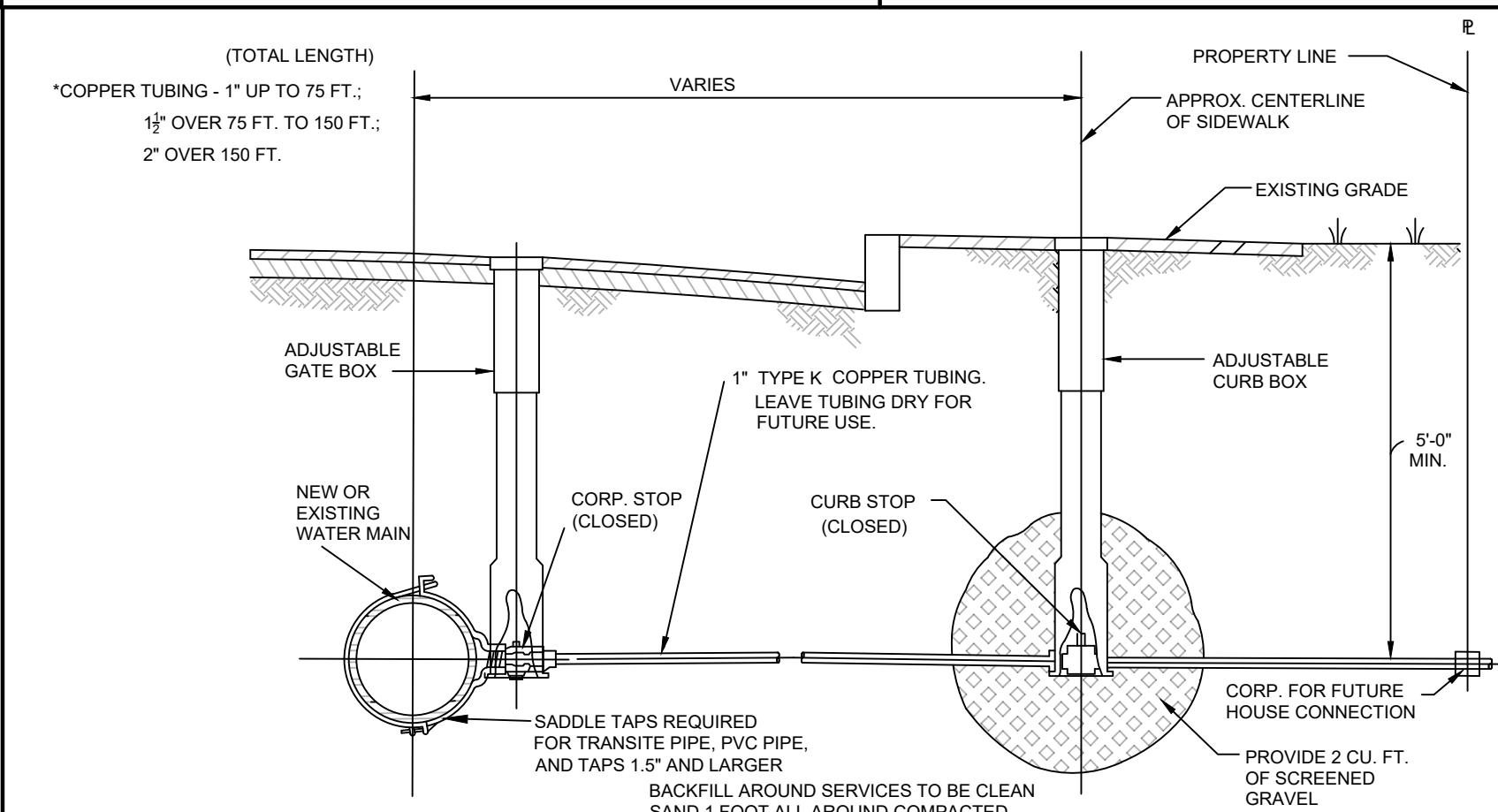
CONCRETE FLARED END SECTION WITH SECURITY BARS

NOT TO SCALE



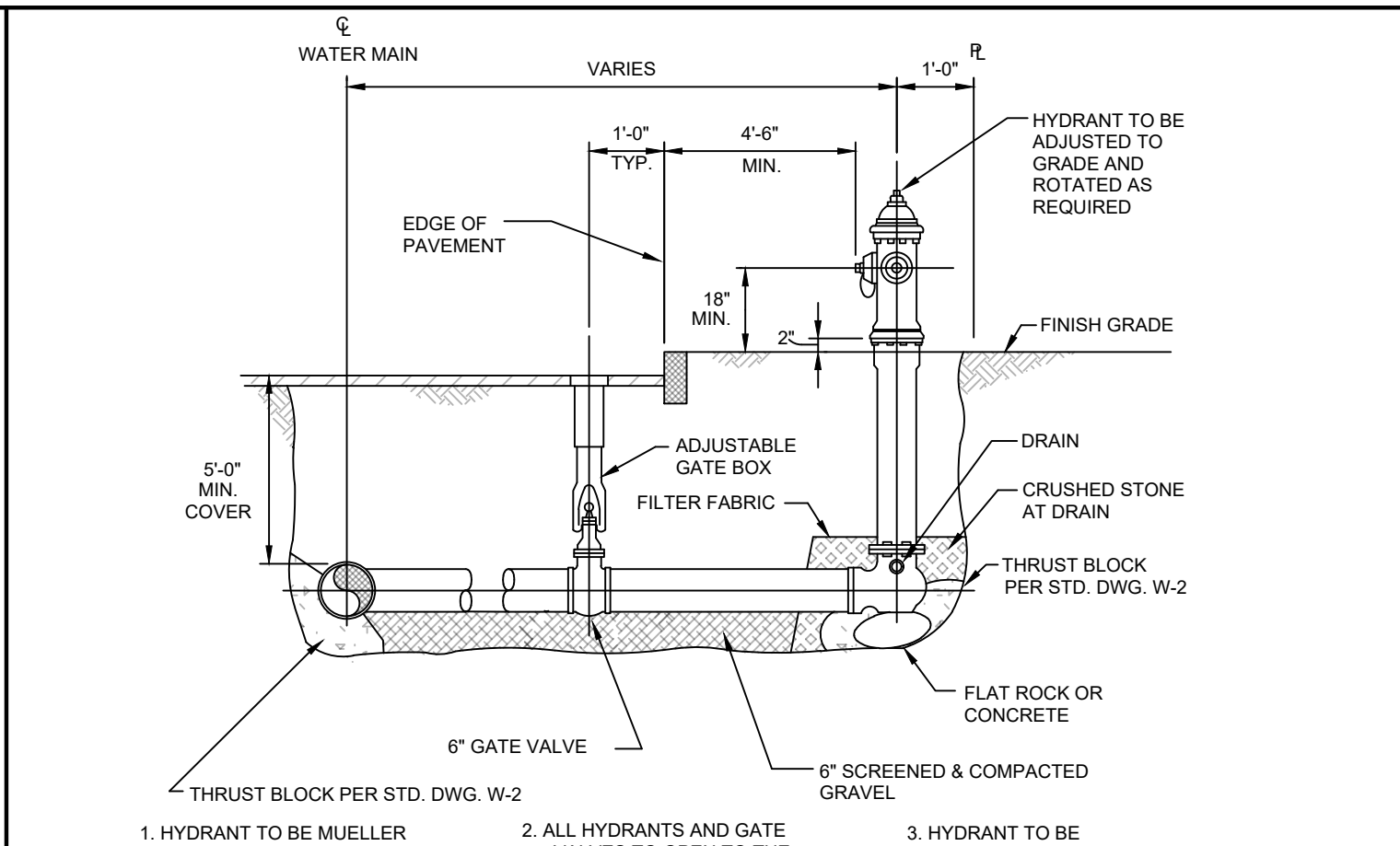
W-02 THRUST BLOCK DETAILS

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



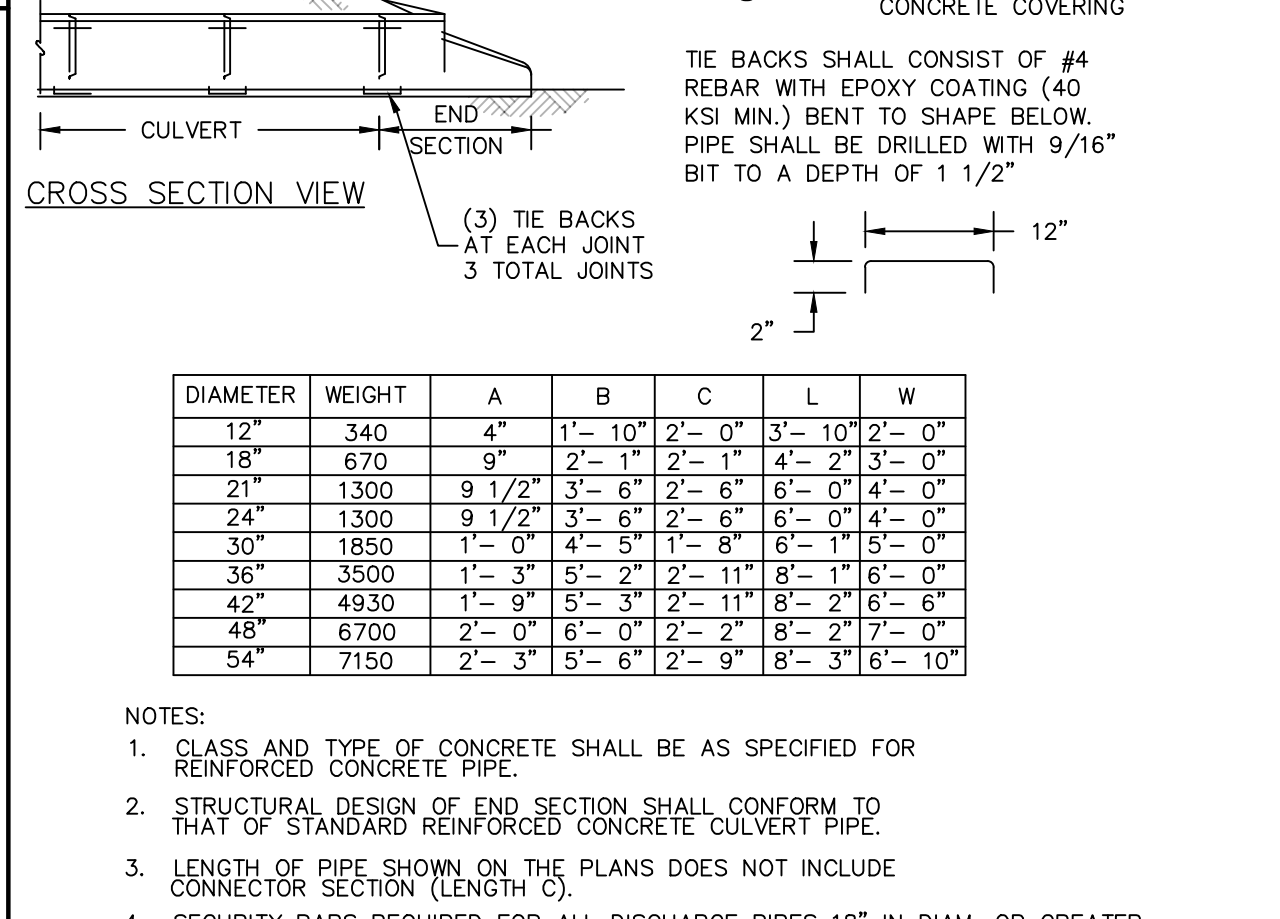
W-04a - WATER SERVICE FOR FUTURE CONNECTION

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



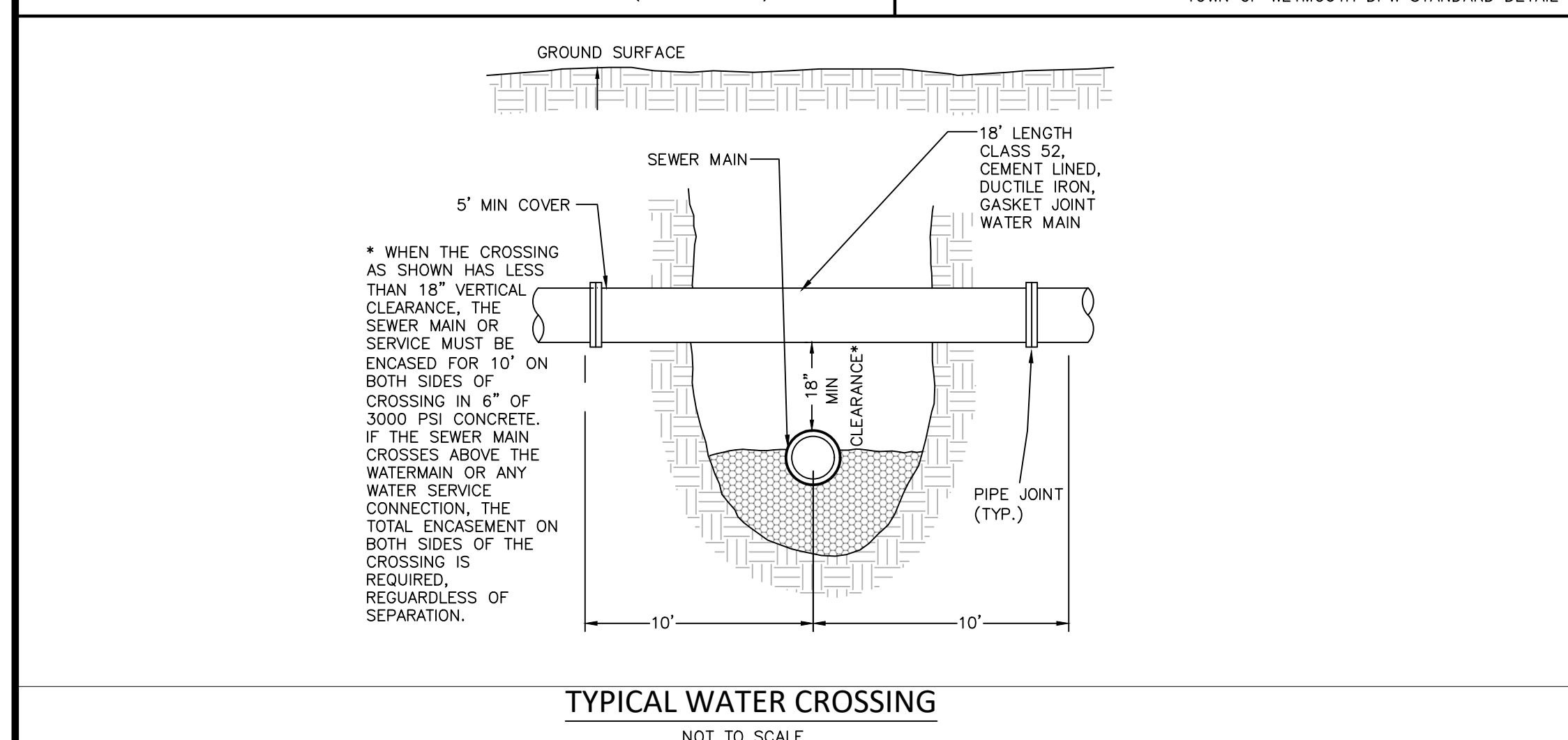
W-01 HYDRANT AND VALVE INSTALLATION DETAIL

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



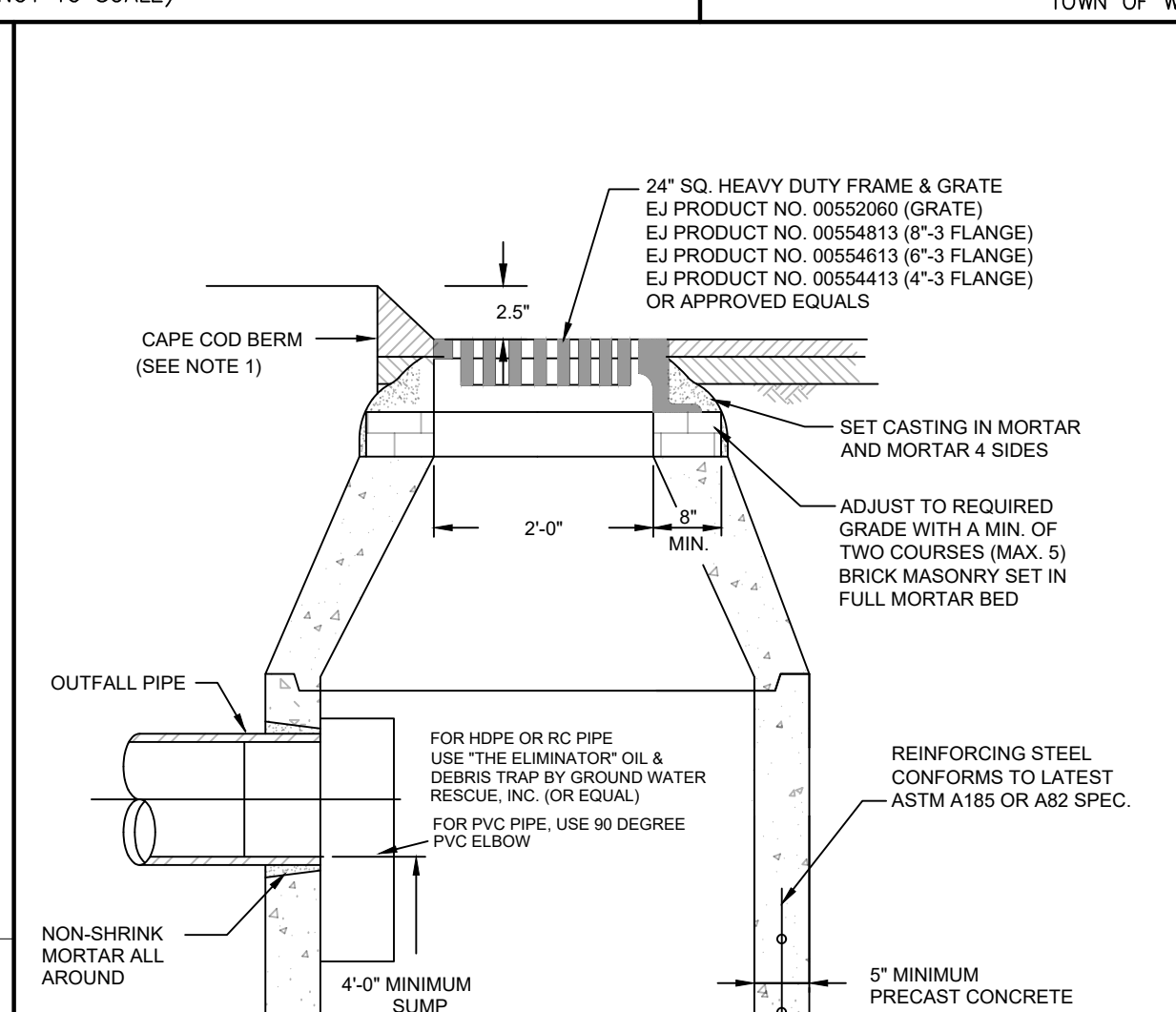
CONCRETE FLARED END SECTION WITH SECURITY BARS

NOT TO SCALE



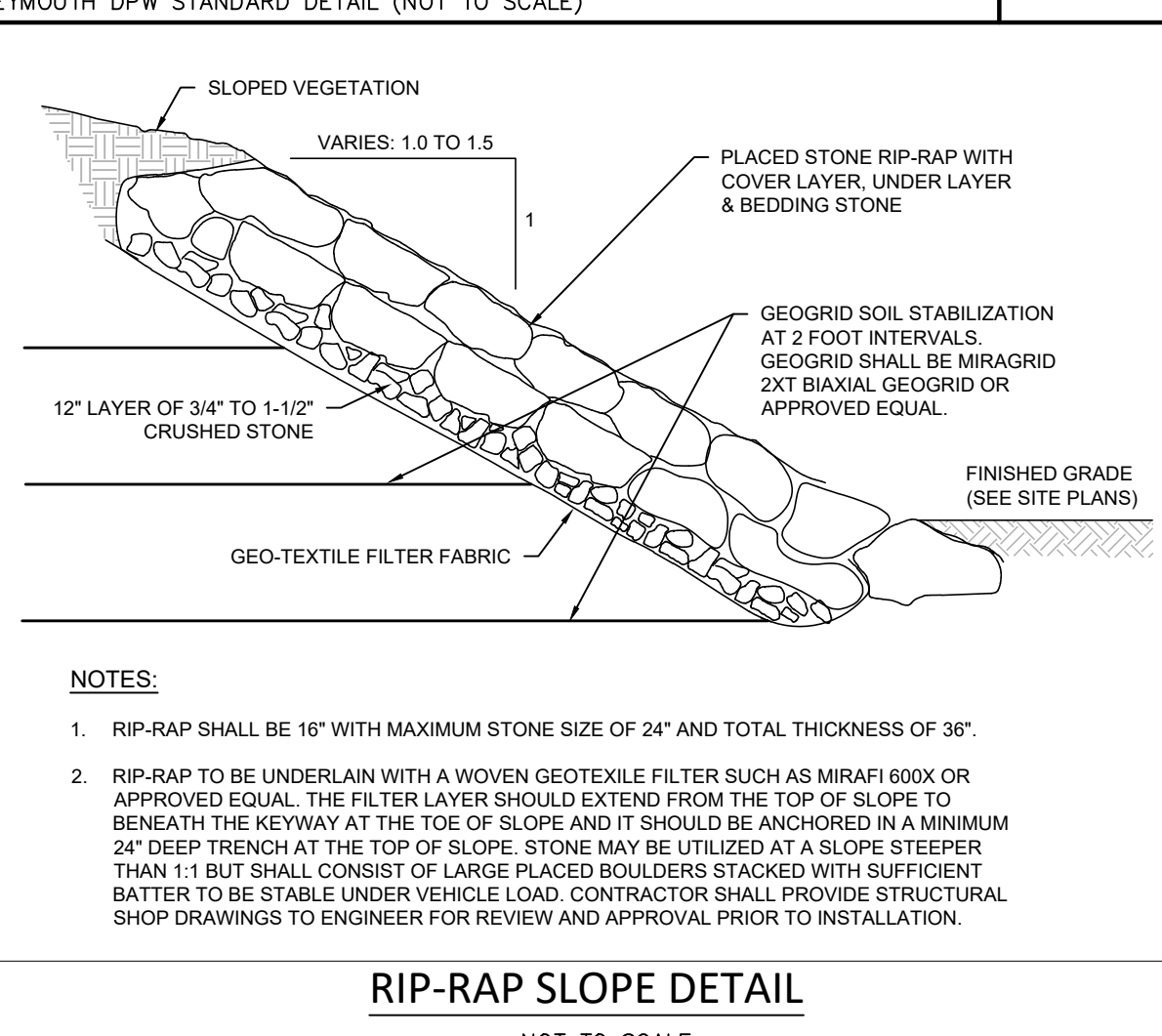
TYPICAL WATER CROSSING

NOT TO SCALE



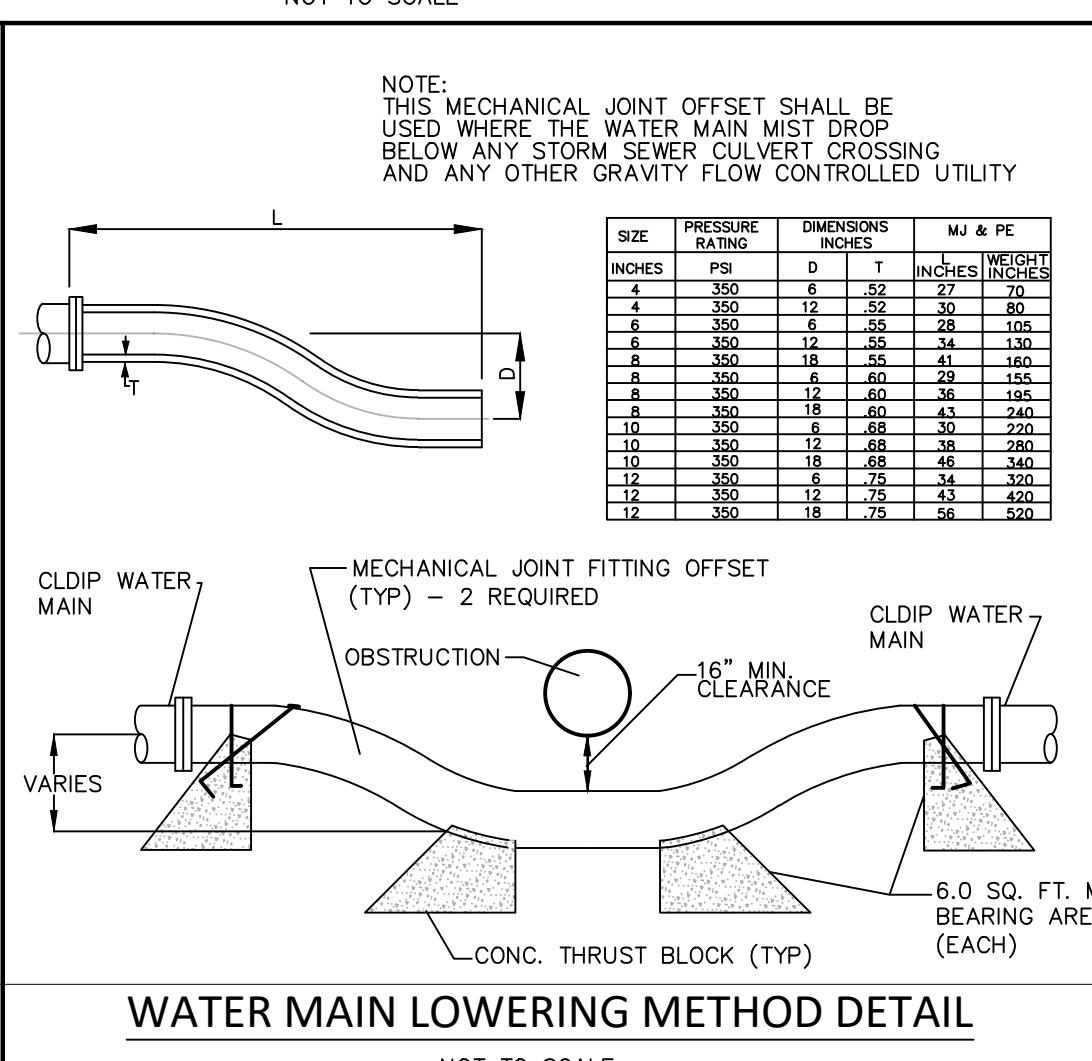
D-05 - CATCH BASIN

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



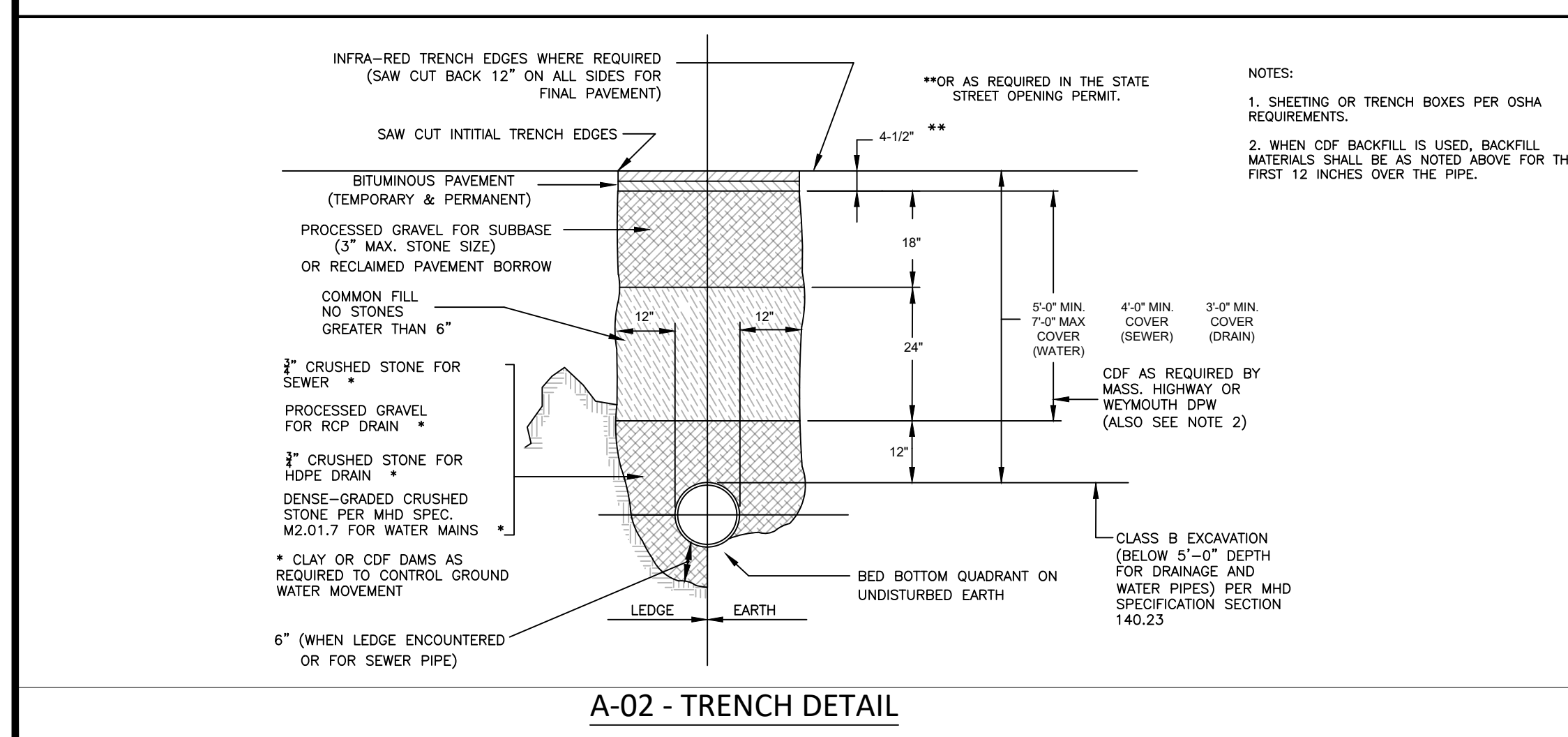
RIP-RAP SLOPE DETAIL

NOT TO SCALE



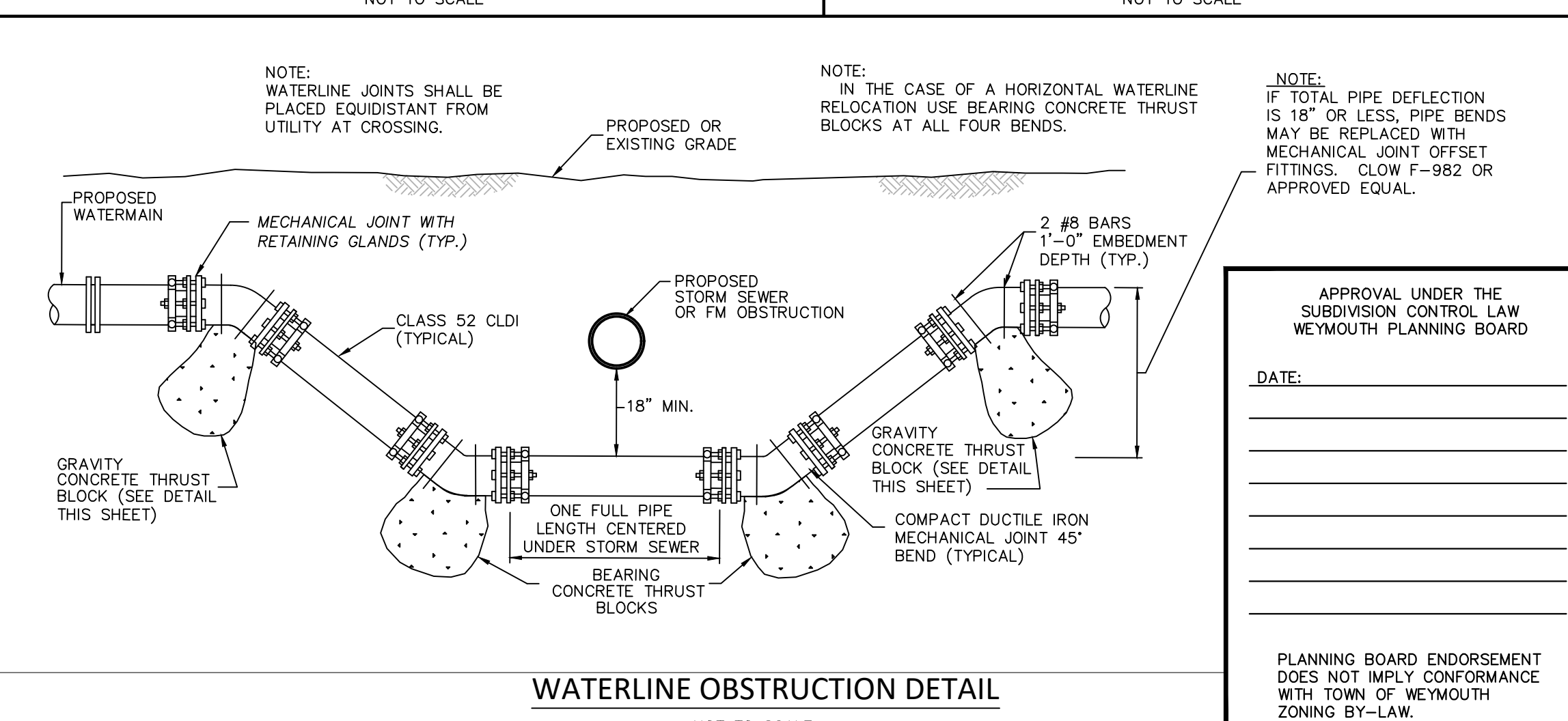
WATER MAIN LOWERING METHOD DETAIL

NOT TO SCALE



A-02 - TRENCH DETAIL

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



WATERLINE OBSTRUCTION DETAIL

NOT TO SCALE

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Revisions

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P: 781-820-0416

MASSACHUSETTS

Project

DEFINITIVE SUBDIVISION PLAN

MASSAPOAG STREET
WEYMOUTH, MA

Prepared for

WEATHERVANE MASSAPOAG, LLC.

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

DETAIL SHEET

Project No. **100-028** Drawing No. _____

Date **12.20.2018**

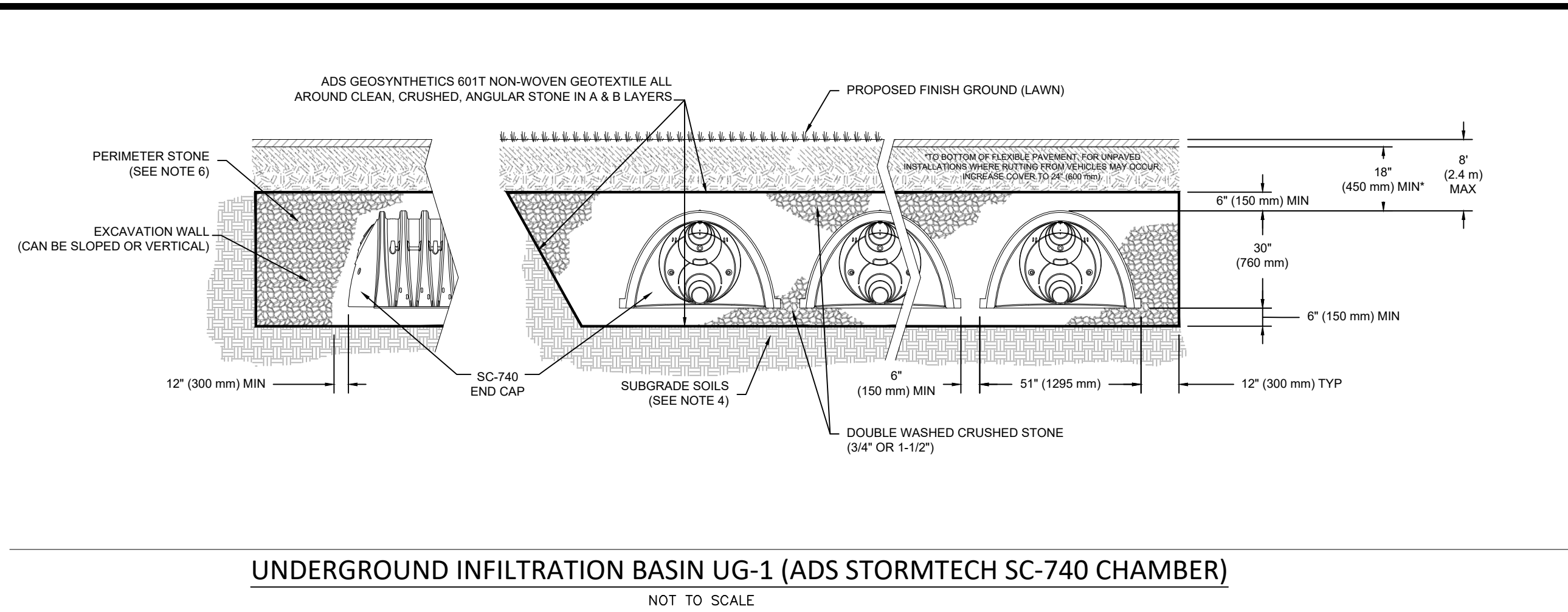
Scale **AS NOTED**

Drawn By **SZA**

Approved By **GRC**

C-8.1

PLANNING BOARD ENDORSEMENT DOES NOT IMPLY CONFORMANCE WITH TOWN OF WEYMOUTH ZONING BY-LAW.

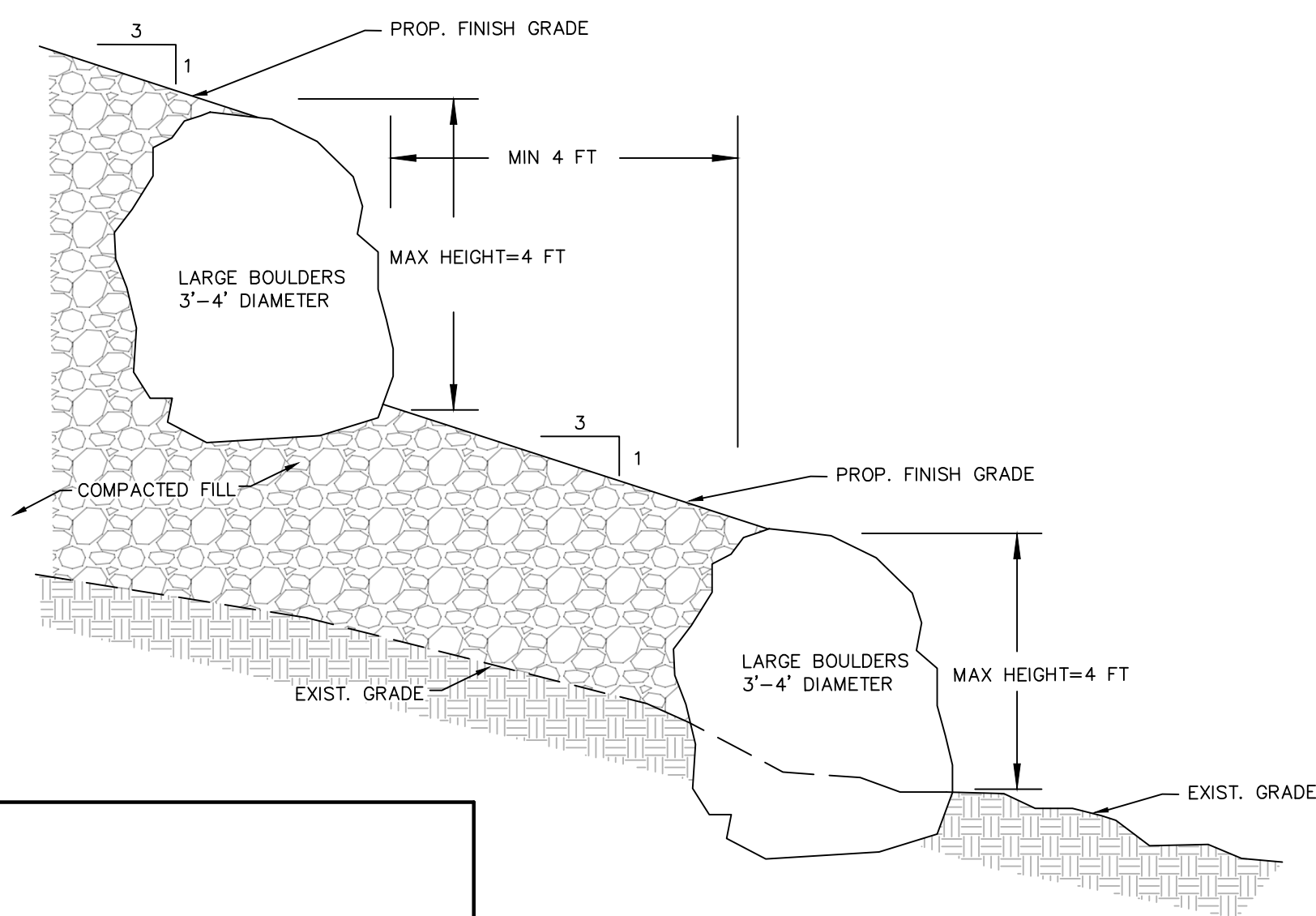


UNDERGROUND INFILTRATION BASIN UG-1 (ADS STORMTECH SC-740 CHAMBER)

NOT TO SCALE

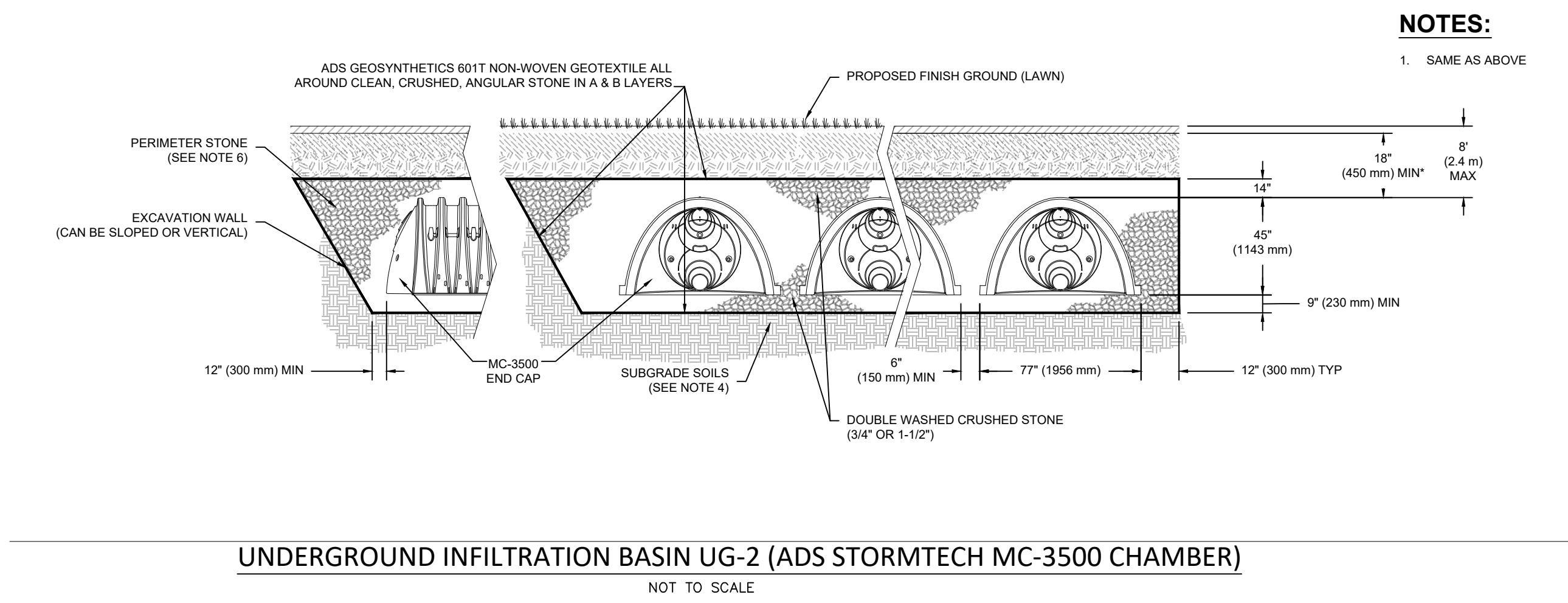
NOTES:

1. CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
4. INFILTRATION SYSTEM SHALL HAVE FREE DRAINING VERTICAL CONNECTION TO THE EXISTING "C" LAYER SOILS. EXCAVATE EXISTING GROUND TO SUBGRADE TO EXPOSE "C" LAYER AT SUBGRADE DEPTH. WHERE FILL IS REQUIRED TO FILL BOTTOM OF SYSTEM, FREE DRAINING COARSE SAND/GRAVEL SHALL BE UTILIZED. COMPACTION SHALL BE LIMITED TO MECHANICAL COMPACTION. VIBRATORY COMPACTION NOT ALLOWED.
5. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
6. ONCE LAYER 'C' IS PLACED, ANY SOIL MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBGRADE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



TYPICAL LANDSCAPE BOULDER WALL

NOT TO SCALE

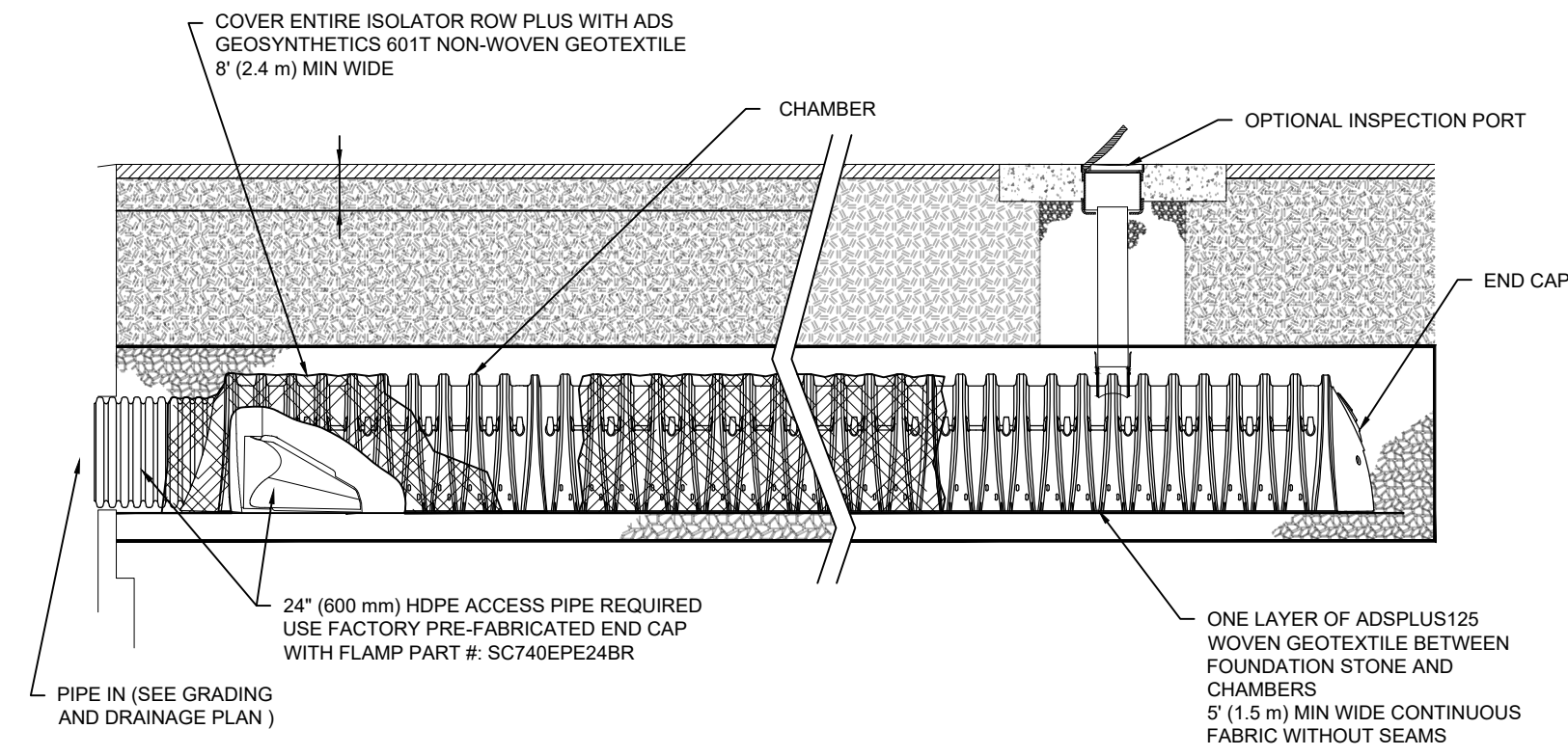


UNDERGROUND INFILTRATION BASIN UG-2 (ADS STORMTECH MC-3500 CHAMBER)

NOT TO SCALE

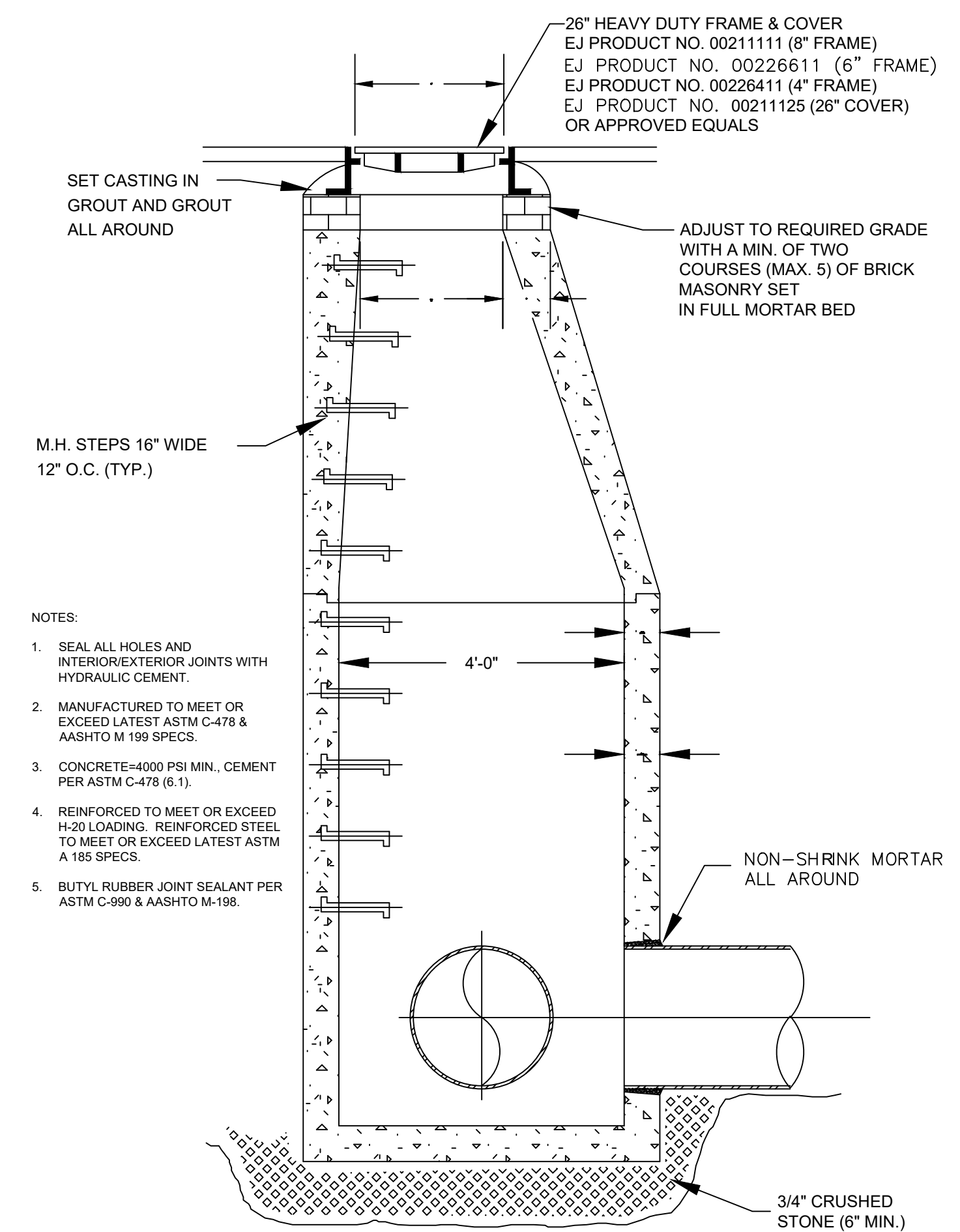
NOTES:

1. SAME AS ABOVE



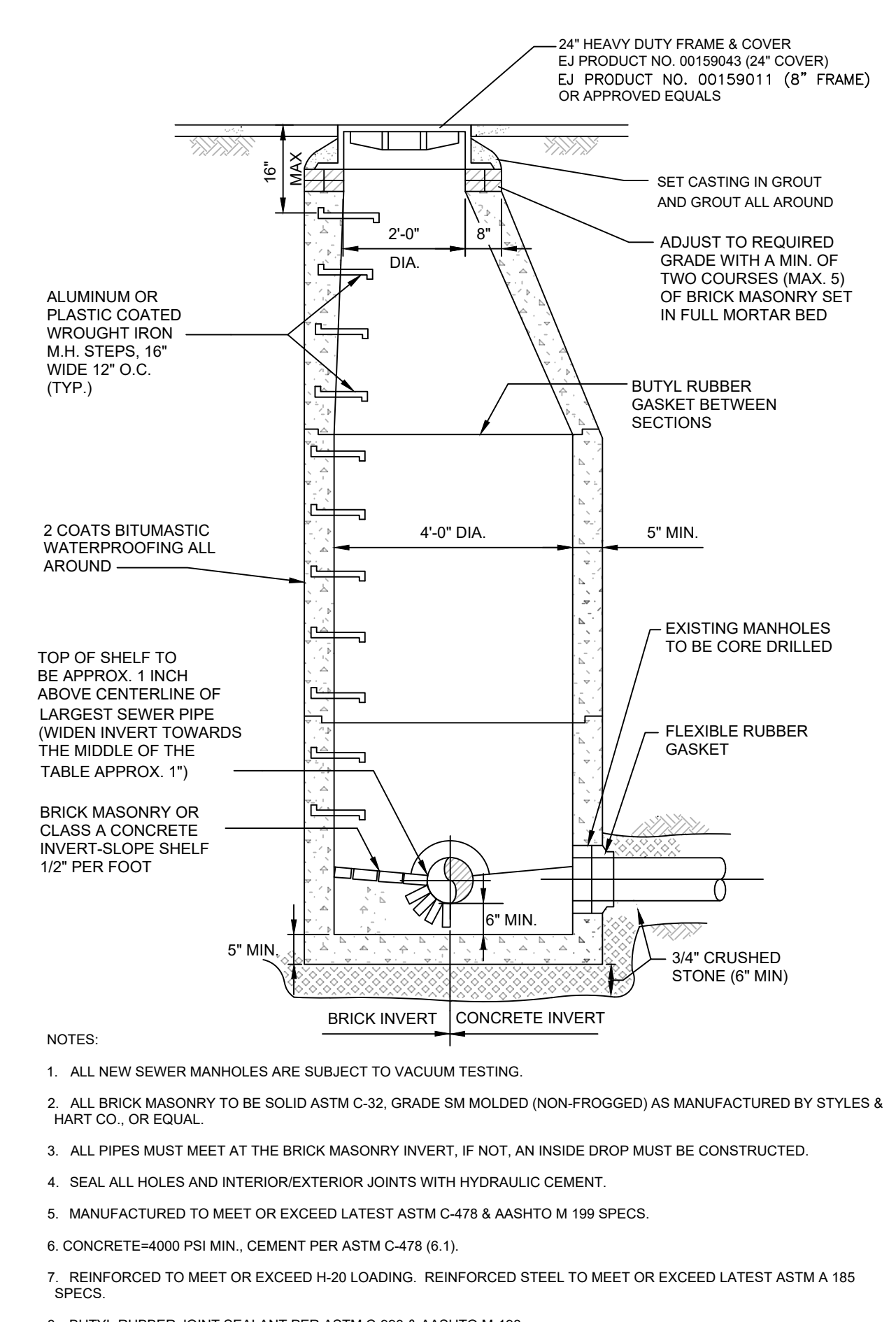
ADS ISOLATOR PLUS CHAMBER DETAIL

NOT TO SCALE



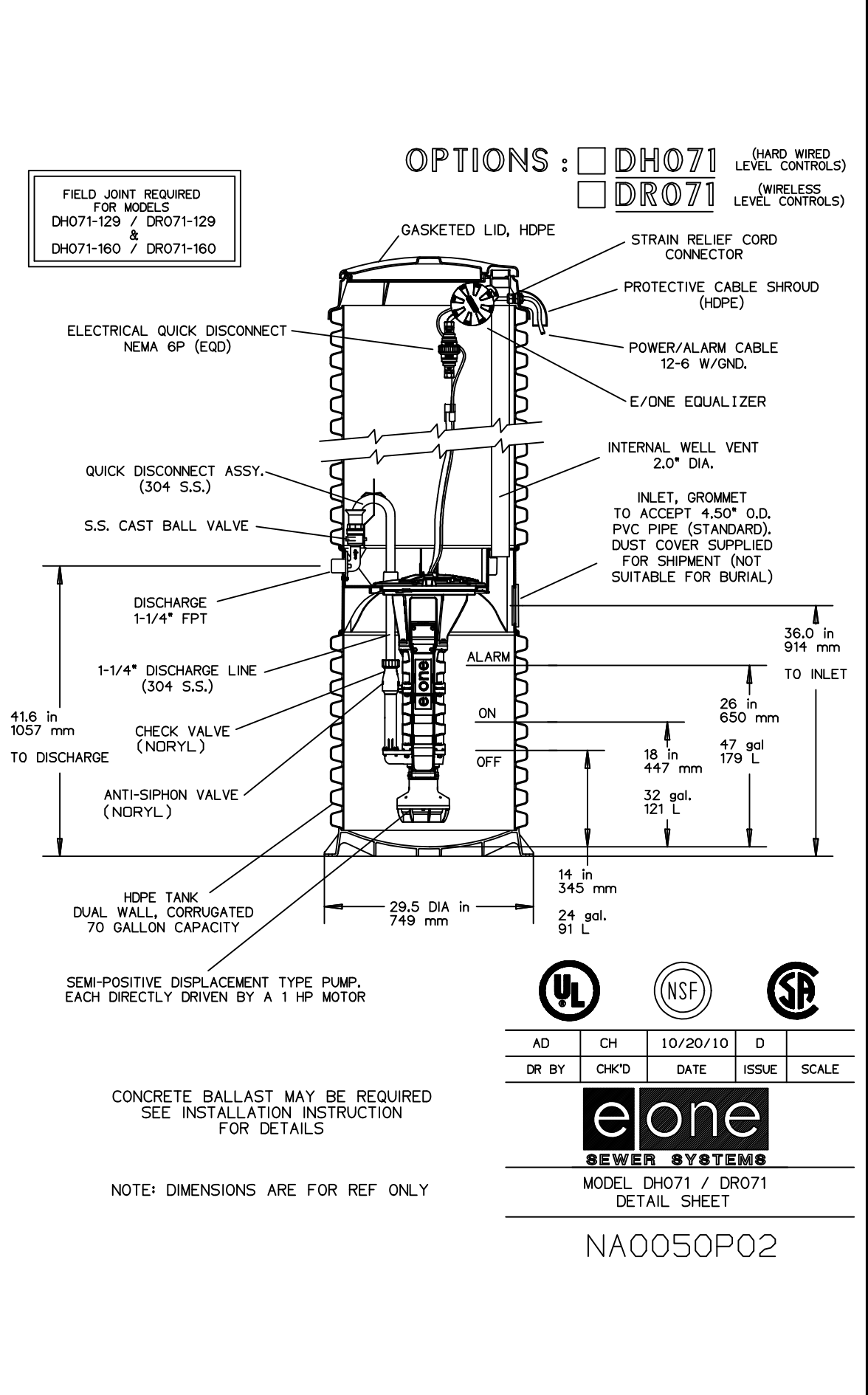
D-01 - DRAIN MANHOLE

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



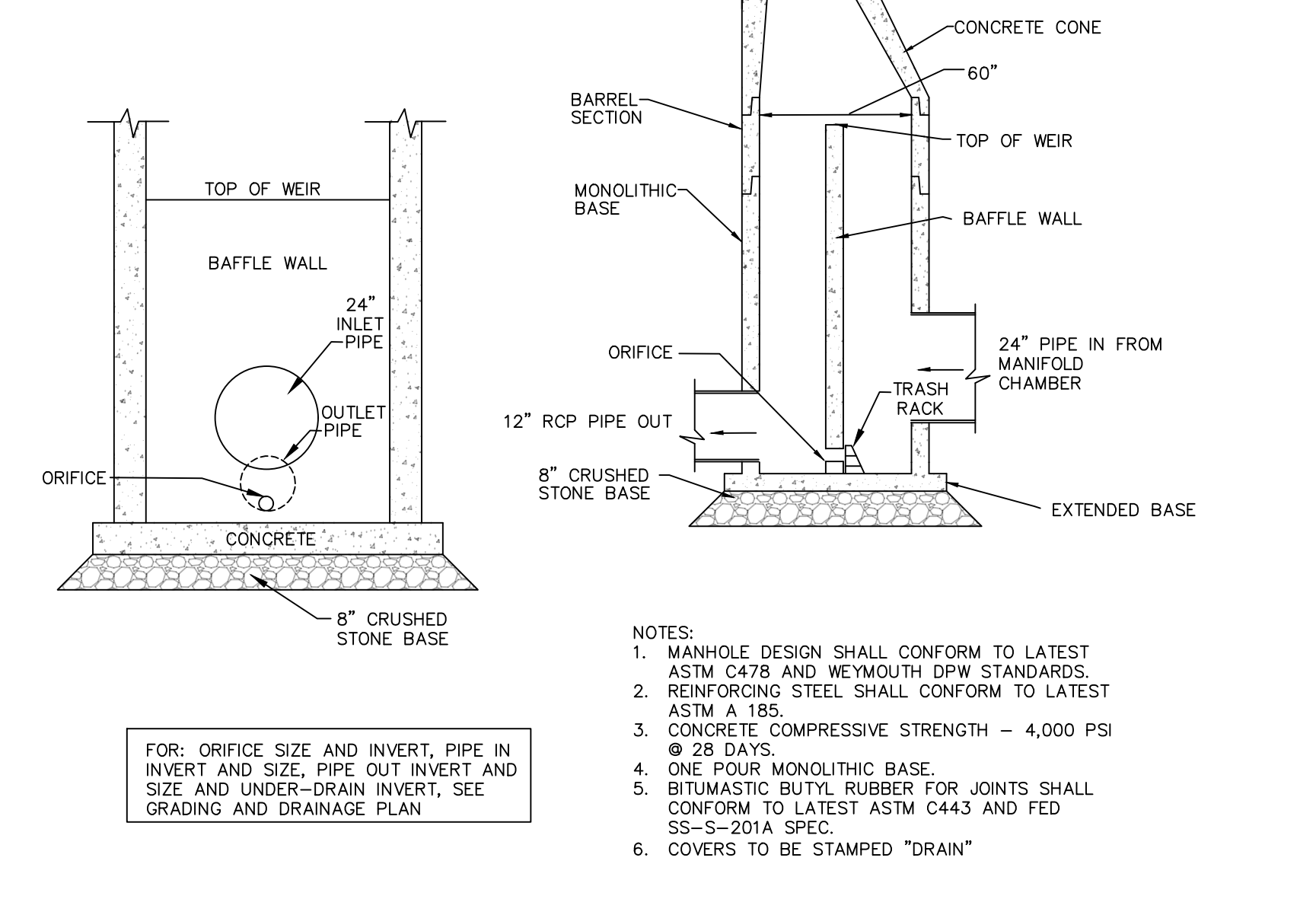
S-01 - SEWER MANHOLE

TOWN OF WEYMOUTH DPW STANDARD DETAIL (NOT TO SCALE)



E-ONE SEWER PUMP

NOT TO SCALE



UNDERGROUND BASIN, OUTLET CONTROL STRUCTURE TYPICAL DETAIL

NOT TO SCALE

Date	Description	No.
1.11.22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	4.
11.19.21	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	3.
4.23.20	REVISED PER TOWN STAFF COMMENTS	2.
2.05.19	REVISED WETLAND FLAGS AND LOT	1.

GABRIEL R. CROCKER
 PROFESSIONAL ENGINEER, MA REGISTRATION #47917

CROCKER DESIGN GROUP, LLC.
 2 SHARP STREET, UNIT A
 HINGHAM, MA 02043
 P: 781-820-0416

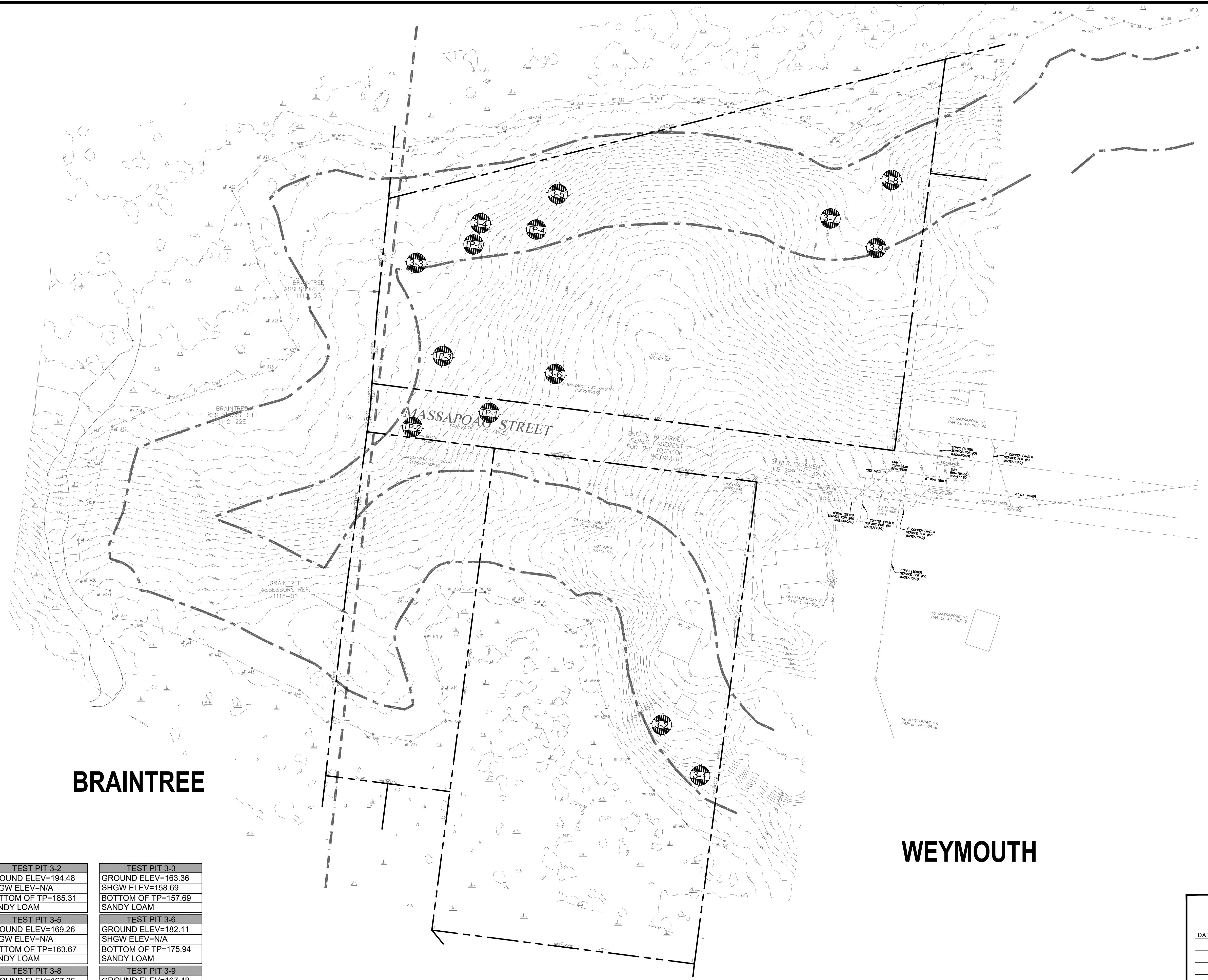
MASSACHUSETTS
DEFINITIVE SUBDIVISION PLAN
 MASSAPOAG STREET
 WEYMOUTH, MA

Prepared for
WEATHERVANE MASSAPOAG, LLC.
 190 OLD DERBY STREET, SUITE 311
 HINGHAM, MA 02043

Drawing Title
DETAIL SHEET

Project No.	100-028	Drawing No.	C-8.2
Date	12.20.2018		
Scale	AS NOTED		
Drawn By	SZA		
Approved By	GRC		

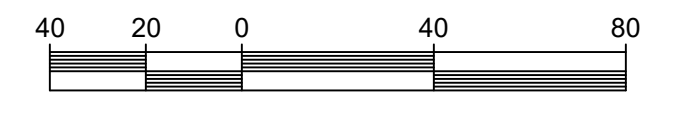
FOR REGISTRY USE ONLY



BRAINTREE

WEYMOUTH

TEST PIT 3-1 GROUND ELEV=188.86 SHGW ELEV=N/A BOTTOM OF TP=180.69 SANDY LOAM	TEST PIT 3-2 GROUND ELEV=194.48 SHGW ELEV=N/A BOTTOM OF TP=185.31 SANDY LOAM	TEST PIT 3-3 GROUND ELEV=163.36 SHGW ELEV=158.69 BOTTOM OF TP=157.69 SANDY LOAM
TEST PIT 3-4 GROUND ELEV=165.13 SHGW ELEV=N/A BOTTOM OF TP=158.79 SANDY LOAM	TEST PIT 3-5 GROUND ELEV=169.26 SHGW ELEV=N/A BOTTOM OF TP=163.67 SANDY LOAM	TEST PIT 3-6 GROUND ELEV=182.11 SHGW ELEV=N/A BOTTOM OF TP=175.94 SANDY LOAM
TEST PIT 3-7 GROUND ELEV=167.40 SHGW ELEV=N/A BOTTOM OF TP=159.90 LOAMY SAND (-20" to -90")	TEST PIT 3-8 GROUND ELEV=167.26 SHGW ELEV=N/A BOTTOM OF TP=160.51 LOAMY SAND (-18" to -81")	TEST PIT 3-9 GROUND ELEV=167.48 SHGW ELEV=N/A BOTTOM OF TP=160.81 LOAMY SAND (-20" to -80")
TEST PIT TP-1 GROUND ELEV=174.82 SHGW ELEV=165.82 BOTTOM OF TP=164.32 COARSE SAND (-12" to -126")	TEST PIT TP-2 GROUND ELEV=168.81 SHGW ELEV=162.81 BOTTOM OF TP=156.81 COARSE SAND (-60" to -144")	TEST PIT TP-3 GROUND ELEV=168.48 SHGW ELEV=162.48 BOTTOM OF TP=157.98 COARSE SAND (-64" to -126")



APPROVAL UNDER THE
SUBDIVISION CONTROL LAW
WEYMOUTH PLANNING BOARD

DATE: _____

PLANNING BOARD ENDORSEMENT
DOES NOT IMPLY CONFORMANCE
WITH TOWN OF WEYMOUTH
ZONING BY-LAW.

Date	Description	No.
1.11.22	REV. PER CON. COMM. AND TOWN ENG. COMMENTS	4.
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GABRIEL R. CROCKER
 CIVIL
 No. 47917
 REGISTERED PROFESSIONAL ENGINEER
 1-11-2022
GABRIEL R. CROCKER
 PROFESSIONAL ENGINEER, MA REGISTRATION #47917

CROCKER DESIGN GROUP, LLC.

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-620-0416

MASSACHUSETTS

Project
DEFINITIVE SUBDIVISION PLAN
MASSAPOAG STREET
WEYMOUTH, MA

Prepared for
WEATHERVANE MASSAPOAG, LLC.
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
TEST PIT PLAN

Project No.	100-028	Drawing No.	TP-1	
Date	12.20.2018	Scale		1"=40'
Drawn By	SZA	Approved By		GRC
Approved By	GRC			

LOCUS INFORMATION
CURRENT OWNER: 0 MASSAPOAG (SOUTH)
ASSESSOR'S REF: 44-505-1

JAMES E. BRISTOL III
114 SANDTRAP CIRCLE
WEYMOUTH, MA

LEGAL REF:
BOOK 35830 PAGE 295

PLAN REF:
PLAN BOOK 406 PAGE 323

CURRENT OWNER: 68 MASSAPOAG
ASSESSORS REF: 44-504-8
0 MASSAPOAG (NORTH)
ASSESSOR'S REF: 44-505-2

CHEYRL A. JOHNSON
23 LEROY DRIVE
RIVERSIDE, RI

LEGAL REF: LCC 194021

PLAN REF: LCP 36658A

ZONE:
R-1
WATERSHED PROTECTION DISTRICT

FEMA REFERENCE:
ZONE X
FIRM 25021C0236E
DATED 7-17-12

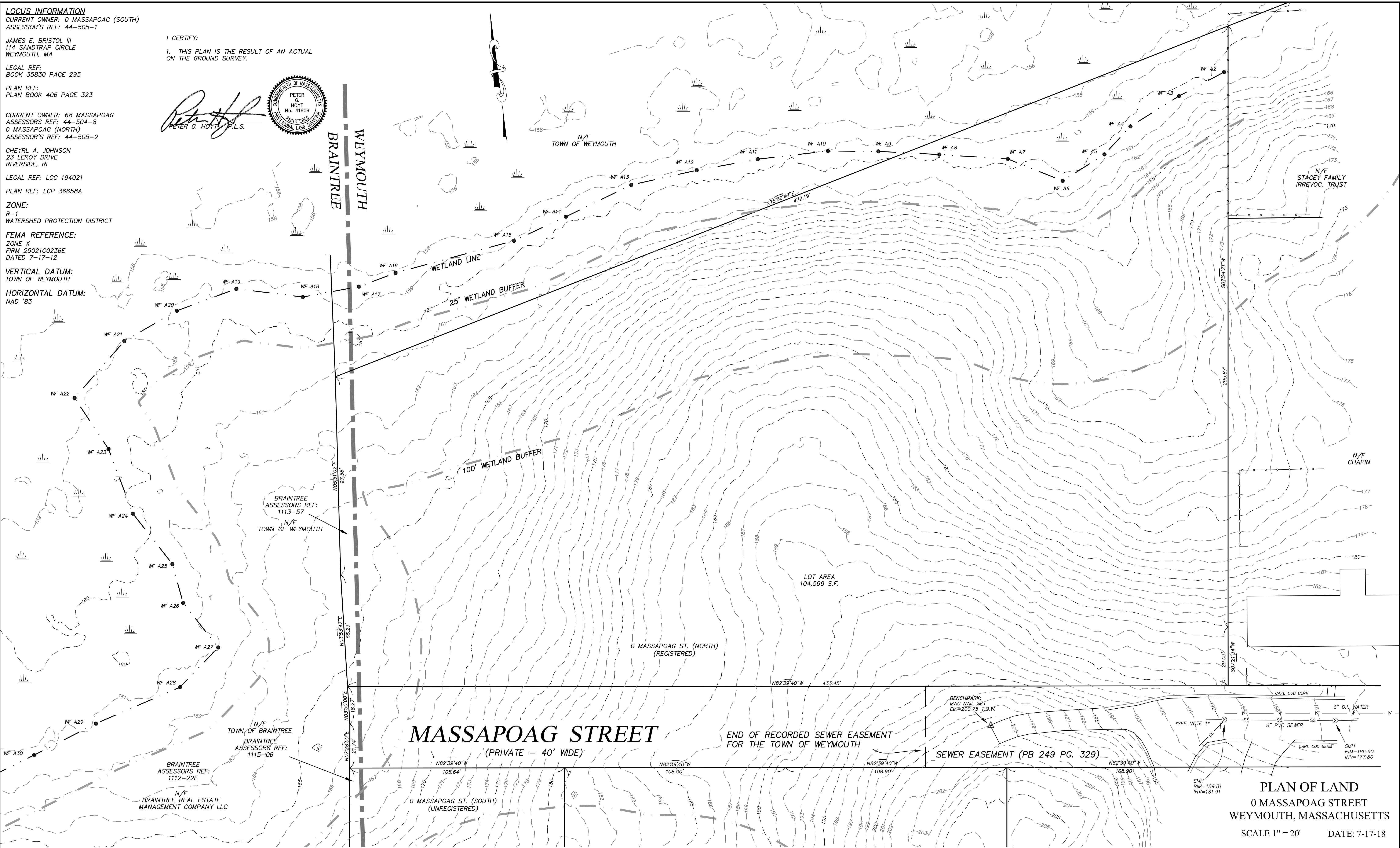
VERTICAL DATUM:
TOWN OF WEYMOUTH

HORIZONTAL DATUM:
NAD '83

I CERTIFY:

1. THIS PLAN IS THE RESULT OF AN ACTUAL
ON THE GROUND SURVEY.

Peter G. Hoyt
PETER G. HOYT, P.L.S.



MASSAPOAG STREET
(PRIVATE - 40' WIDE)

END OF RECORDED SEWER EASEMENT
FOR THE TOWN OF WEYMOUTH

SEWER EASEMENT (PB 249 PG. 329)

PLAN OF LAND
0 MASSAPOAG STREET
WEYMOUTH, MASSACHUSETTS
SCALE 1" = 20' DATE: 7-17-18

UTILITY NOTES:
1. SEWER STUB REPORTED TO EXIST. SIZE UNKNOWN.
MANHOLE CLOGGED.
2. HOUSE NUMBER 68 IS REPORTED TO BE ON A PRIVATE
SEPTIC AND PRIVATE WELL. NO INFORMATION WAS FOUND
IN THE FIELD OR AT THE LOCAL BOARD OF HEALTH.



HOYT LAND SURVEYING
1287 WASHINGTON STREET
WEYMOUTH MA. 02189
781-682-9192 SHEET 1

MASSAPOAG STREET

(PRIVATE - 40' WIDE)

END OF RECORDED SEWER EASEMENT
FOR THE TOWN OF WEYMOUTH

SEWER EASEMENT (PB 249 PG. 329)

BRAINTREE
ASSESSORS REF:
1112-22E
N/F
BRAINTREE REAL ESTATE
MANAGEMENT COMPANY LLC

100' WETLAND BUFFER

0 MASSAPOAG ST. (SOUTH)
(UNREGISTERED)

68 MASSAPOAG ST.
(REGISTERED)

LOT AREA
87,119 S.F.

LOT AREA
29,941 S.F.

NO. 68

WETLAND LINE

25' WETLAND BUFFER

N/F
YETMAN

WEYMOUTH
BRAINTREE

N/F
COLLOVA

N/F
MCCARTHY

N/F
GAETANO

I CERTIFY:

1. THIS PLAN IS THE RESULT OF AN ACTUAL
ON THE GROUND SURVEY.

Peter G. Hoyt
PETER G. HOYT L.L.S.



PLAN OF LAND
0 MASSAPOAG STREET
WEYMOUTH, MASSACHUSETTS

SCALE 1" = 20' DATE: 7-17-18

GRAPHIC SCALE



HOYT LAND SURVEYING
1287 WASHINGTON STREET
WEYMOUTH MA. 02189
781-682-9192 SHEET 2